KYOCERA

2024

Power Semiconductor

KYOCERA AVX

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Series	Outline	Part No.	VRRM [V]	Io [A]	IFSM [A]	IR [mA]	VFM [V]	@IFM[A]	T_{jw}, T_{stg} [°C]	AEC	Circuit
MC	nSMC_FL 8.0×4.0×1.5(mm)	MC03DA40	400	3.0	80.0	0.010	1.00	3.0	-55 to 150		
		MC05DA20	200	5.0	130.0	0.010	0.99	5.0	-55 to 150		
ME	SOD-128 4.8×2.7×1.0(mm)	ME01DA40	400	1.0	25.0	0.010	1.05	1.0	-55 to 150		
MP	SOD-123FL 3.5×1.6×0.9(mm)	MPP5DA40	400	0.5	10.0	0.010	1.10	0.5	-55 to 150		
Axial	3Max ×ϕ2.7 (DO-41S) 3.0×ϕ2.7(mm)	10EDB40	400	1.0	45.0	0.010	1.00	1.0	-55 to 150		
		10EDB60	600	1.0	45.0	0.010	1.00	1.0	-55 to 150		
	DO-204AC (DO-15) 7.6×ϕ3.6(mm)	20CDA40	400	2.0	75.0	0.010	1.00	2.0	-40 to 150		
		20CDA60	600	2.0	75.0	0.010	1.00	2.0	-40 to 150		
	DO-201AD 9.2×ϕ5.8(mm)	30GDA40	400	3.0	100.0	0.010	1.00	3.0	-40 to 150		
		30GDA60	600	3.0	100.0	0.010	1.00	3.0	-40 to 150		
TF	TO-220 Full-Mold 2pin 28.5×10.1×4.5(mm)	FSD20A90	900	20.0	200.0	0.050	1.25	20.0	-40 to 150		

For Automotive　AEC-Q101 Qualified Products

Series	Outline	Part No.	VRRM [V]	Io [A]	IFSM [A]	IR [mA]	VFM [V]	@IFM[A]	T_{jw}, T_{stg} [°C]	AEC	Circuit
MC	nSMC_FL 8.0×4.0×1.5(mm)	AMC03DA40	400	3.0	80.0	0.010	1.00	3.0	-55 to 150	✓	
		AMC05DA20	200	5.0	130.0	0.010	0.99	5.0	-55 to 150	✓	
ME	SOD-128 4.8×2.7×1.0(mm)	AME01DA40	400	1.0	25.0	0.010	1.05	1.0	-55 to 150	✓	
MP	SOD-123FL 3.5×1.6×0.9(mm)	AMPP5DA40	400	0.5	10.0	0.010	1.10	0.5	-55 to 150	✓	

ファストリカバリーダイオード
Fast Recovery Diodes（FRD）

Series	Outline	Part No.	VRRM [V]	Io [A]	IFSM [A]	IR [mA]	VFM [V]	@IFM [A]	T_{jw}, T_{stg} [°C]	AEC	Circuit
MC	nSMC_FL 8.0×4.0×1.5(mm)	MC03FA20	200	3.0	45.0	0.010	0.98	3.0	-55 to 150		
		MC03FA40	400	3.0	45.0	0.010	1.25	3.0	-55 to 150		
		MC03FF60	600	3.0	45.0	0.010	1.70	3.0	-55 to 150		
		MC03FH60	600	3.0	60.0	0.010	1.28	3.0	-55 to 150		
		MC03UD60	600	3.0	35.0	0.010	2.30	3.0	-55 to 150		
ME	SOD-128 4.8×2.7×1.0(mm)	ME01FA20	200	1.0	20.0	0.010	0.98	1.0	-55 to 150		
		ME01FA40	400	1.0	20.0	0.010	1.25	1.0	-55 to 150		
		ME01FA60	600	1.0	20.0	0.010	1.39	1.0	-55 to 150		
		ME03FA20	200	3.0	45.0	0.010	0.98	3.0	-55 to 150		
		ME03FA40	400	3.0	45.0	0.010	1.25	3.0	-55 to 150		
		ME03FH60	600	3.0	60.0	0.010	1.28	3.0	-55 to 150		
MP	SOD-123FL 3.5×1.6×0.9(mm)	MPP4RA60	600	0.4	20.0	0.010	1.32	0.4	-55 to 150		
		MPP5FA20	200	0.5	20.0	0.010	0.95	0.5	-55 to 150		
Axial	3Max ×ϕ2.7 (DO-41S) 3.0×ϕ2.7(mm)	11EFS2	200	1.0	30.0	0.010	0.98	1.0	-40 to 150		
		11EFS4	400	1.0	30.0	0.020	1.25	1.0	-40 to 150		
	DO-204AC (DO-15) 7.6×ϕ3.6(mm)	20CFA40	400	2.0	50.0	0.010	1.28	2.0	-40 to 150		
		20CFF60	600	2.0	40.0	0.010	1.58	2.0	-40 to 150		
	DO-201AD 9.2×ϕ5.8(mm)	30GFF60	600	3.0	45.0	0.010	1.70	3.0	-40 to 150		
		30GFA20	200	3.0	60.0	0.010	0.98	3.0	-40 to 150		
		30GFA40	400	3.0	60.0	0.020	1.25	3.0	-40 to 150		
TG	TO-220 28.4×10.1×4.6(mm)	GCF06A20	200	6.0	60.0	0.010	0.98	3.0	-40 to 150		
		GCF06A40	400	6.0	60.0	0.020	1.25	3.0	-40 to 150		
		GCF06F60	600	6.0	45.0	0.020	1.70	3.0	-55 to 175		
		GCF10A20	200	10.0	80.0	0.020	0.98	5.0	-40 to 150		
		GCF10A40	400	10.0	80.0	0.030	1.25	5.0	-40 to 150		
	TO-220 2pin 28.4×10.1×4.6(mm)	GSF05A20	200	5.0	80.0	0.020	0.98	5.0	-40 to 150		
		GSF05A40	400	5.0	80.0	0.030	1.25	5.0	-40 to 150		
		GSF05F60	600	5.0	80.0	0.020	1.70	5.0	-40 to 175		
		GSF10A20	200	10.0	120.0	0.025	1.03	10.0	-40 to 150		
		GSF10A40	400	10.0	120.0	0.030	1.30	10.0	-40 to 150		
TF	TO-220 Full-Mold 28.5×10.1×4.5(mm)	FCU10D40	400	10.0	80.0	0.030	1.53	5.0	-40 to 150		
		FCU10D40	400	20.0	120.0	0.030	1.53	10.0	-40 to 150		
		FCF06A20	200	6.0	60.0	0.010	0.98	3.0	-40 to 150		
		FCF06A40	400	6.0	60.0	0.020	1.25	3.0	-40 to 150		
		FCF06F60	600	6.0	45.0	0.020	1.70	3.0	-55 to 175		
		FCF10A20	200	10.0	80.0	0.020	0.98	5.0	-40 to 150		
		FCF10A40	400	10.0	80.0	0.030	1.25	5.0	-40 to 150		
		FCF10F60	600	10.0	80.0	0.020	1.70	5.0	-55 to 175		
		FCF10H60	600	10.0	80.0	0.020	1.35	5.0	-40 to 175		
		FCF16A20	200	16.0	120.0	0.025	0.98	8.0	-40 to 150		
		FCF16A40	400	16.0	120.0	0.030	1.25	8.0	-40 to 150		
		FCF20F60	600	20.0	120.0	0.030	1.80	10.0	-55 to 175		
		FCF20G60	600	20.0	120.0	0.030	1.50	10.0	-40 to 150		
		FCF20H60	600	20.0	120.0	0.030	1.35	10.0	-55 to 175		
		FCU10A20	200	10.0	100.0	0.020	1.10	5.0	-40 to 150		
		FCU10D60	600	10.0	60.0	0.010	2.30	5.0	-55 to 175		
		FCU20A20	200	20.0	120.0	0.025	1.13	10.0	-40 to 150		

ファストリカバリーダイオード
Fast Recovery Diodes（FRD）

Series	Outline	Part No.	VRRM [V]	Io [A]	IFSM [A]	IR [mA]	VFM [V]	@IFM [A]	T_{jw}, T_{stg} [°C]	AEC	Circuit
TF	TO-220 Full-Mold 2pin 28.5×10.1×4.5(mm)	FSF05A20	200	5.0	80.0	0.020	0.98	5.0	-40 to 150		
		FSF10A20	200	10.0	120.0	0.025	1.03	10.0	-40 to 150		
		FSU05A20	200	5.0	100.0	0.020	1.10	5.0	-40 to 150		
		FSU10A20	200	10.0	120.0	0.025	1.13	10.0	-40 to 150		
		FSU05A30	300	5.0	100.0	0.025	1.30	5.0	-40 to 150		
		FSU10A30	300	10.0	120.0	0.025	1.40	10.0	-40 to 150		
		FSF05A40	400	5.0	80.0	0.030	1.25	5.0	-40 to 150		
		FSF10A40	400	10.0	120.0	0.030	1.30	10.0	-40 to 150		
		FSU05D40	400	5.0	80.0	0.030	1.53	5.0	-40 to 150		
		FSU10D40	400	10.0	120.0	0.030	1.53	10.0	-40 to 150		
		FSF03F60	600	3.0	45.0	0.020	1.70	3.0	-55 to 175		
		FSF05F60	600	5.0	80.0	0.020	1.70	5.0	-40 to 175		
		FSF05H60	600	5.0	80.0	0.020	1.35	5.0	-55 to 175		
		FSF05HU60	600	5.0	45.0	0.020	1.65	5.0	-40 to 175		
		FSF08F60	600	8.0	100.0	0.020	1.70	8.0	-55 to 175		
		FSF08H60	600	8.0	100.0	0.020	1.35	8.0	-55 to 175		
		FSF10F60	600	10.0	120.0	0.030	1.80	10.0	-55 to 175		
		FSF10H60	600	10.0	120.0	0.030	1.35	10.0	-40 to 175		
		FSF10HU60	600	10.0	80.0	0.020	1.65	10.0	-40 to 175		
		FSF15F60	600	15.0	140.0	0.030	1.57	15.0	-55 to 175		
		FSF15H60	600	15.0	140.0	0.030	1.35	15.0	-55 to 175		
		FSU05D60	600	5.0	60.0	0.010	2.30	5.0	-55 to 175		
		FSU08D60	600	8.0	90.0	0.020	2.30	8.0	-55 to 175		
		FSU10D60	600	10.0	100.0	0.030	2.30	10.0	-55 to 175		
		FSU15D60	600	15.0	140.0	0.030	2.30	15.0	-55 to 175		
TK	TO-247 34.5×15.6×5.0(mm)	KCF16A20	200	16.0	120.0	0.025	0.98	8.0	-40 to 150		
		KCU20A20	200	20.0	120.0	0.025	1.13	10.0	-40 to 150		
		KCF25A20	200	25.0	150.0	0.025	0.98	12.5	-40 to 150		
		KCU30A20	200	30.0	150.0	0.025	1.13	15.0	-40 to 150		
		KCU20A30	300	20.0	120.0	0.025	1.40	10.0	-40 to 150		
		KCU30A30	300	30.0	150.0	0.025	1.30	15.0	-40 to 150		
		KCF16A40	400	16.0	120.0	0.030	1.25	8.0	-40 to 150		
		KCU20D40	400	20.0	120.0	0.030	1.53	10.0	-40 to 150		
		KCF25A40	400	25.0	200.0	0.050	1.25	12.5	-40 to 150		
		KCU30D40	400	30.0	150.0	0.030	1.57	15.0	-40 to 150		
		KCF20F60	600	20.0	120.0	0.030	1.80	10.0	-55 to 175		
		KSF30A20B	200	30.0	400.0	0.025	0.98	30.0	-40 to 150		
		KSU30A30B	300	30.0	400.0	0.050	1.33	30.0	-40 to 150		
		KSF30A40B	400	30.0	400.0	0.050	1.25	30.0	-40 to 150		
		KSF30F60B	600	30.0	240.0	0.050	1.70	30.0	-55 to 175		
		KSF60F60B	600	60.0	600.0	0.050	1.70	60.0	-55 to 175		
	TO-247 2pin 34.5×15.6×5.0(mm)	KSF30F60	600	30.0	240.0	0.050	1.70	30.0	-55 to 175		
		KSF30H60	600	30.0	250.0	0.050	1.35	30.0	-40 to 175		
		KSU30D60	600	30.0	250.0	0.030	1.95	30.0	-55 to 175		
	TO-247 2pin (long lead) 40.0×15.6×5.0(mm)	KSF30F60N	600	30.0	240.0	0.050	1.70	30.0	-55 to 175		
		KSF30H60N	600	30.0	250.0	0.050	1.35	30.0	-40 to 175		
		KSU30D60N	600	30.0	250.0	0.030	2.30	30.0	-55 to 175		
		KSF60F60N	600	60.0	600.0	0.050	1.70	60.0	-55 to 175		
		KSF60H60N	600	60.0	400.0	0.050	1.35	60.0	-55 to 175		
		KSU60D60N	600	60.0	400.0	0.050	1.95	60.0	-55 to 175		

ファストリカバリーダイオード
Fast Recovery Diodes（FRD）

Series	Outline	Part No.	VRRM [V]	Io [A]	IFSM [A]	IR [mA]	VFM [V]	@IFM [A]	T_{jw}, T_{stg} [°C]	AEC	Circuit
TK	TO-247 (long lead) 40.0×15.6×5.0(mm)	KCF30F60N	600	30.0	140.0	0.030	1.57	15.0	-55 to 175	✓	
		KCU60D60N	600	60.0	250.0	0.030	2.30	30.0	-55 to 175		
TE	TO-251 11.3×6.6×2.4(mm)	EA31FS4	400	3.0	45.0	0.020	1.25	3.0	-40 to 150		
		EA61FC2	200	6.0	45.0	0.010	0.98	3.0	-40 to 150		
		EA61FC4	400	6.0	45.0	0.020	1.25	3.0	-40 to 150		
	TO-252 (Dpak) 9.9×6.6×2.4(mm)	EA31FS2-F	200	3.0	45.0	0.010	0.98	3.0	-40 to 150		
		EA31FS4-F	400	3.0	45.0	0.020	1.25	3.0	-40 to 150		
		ESF03F60-F	600	3.0	45.0	0.020	1.70	3.0	-55 to 175		
		ESF05H60-F	600	5.0	80.0	0.020	1.35	5.0	-55 to 175		
		ESF08HU60B-F	600	8.0	80.0	0.020	1.52	8.0	-55 to 175		
		EA61FC2-F	200	6.0	45.0	0.010	0.98	3.0	-40 to 150	✓	
		EA61FC4-F	400	6.0	45.0	0.020	1.25	3.0	-40 to 150	✓	
		ECF06F60-F	600	6.0	45.0	0.020	1.70	3.0	-55 to 175	✓	
TT	TO-262 2pin 22.9×10.1×4.6(mm)	TSF05A20-11A	200	5.0	80.0	0.030	0.98	5.0	-40 to 150		
		TSU05D60-11A	600	5.0	60.0	0.010	2.30	5.0	-55 to 175		
		TSU10D60-11A	600	10.0	100.0	0.030	2.30	10.0	-55 to 175		
	TO-262 22.9×10.1×4.6(mm)	TCF10A20-11A	200	10.0	80.0	0.020	0.98	5.0	-40 to 150		
		TCU10A20-11A	200	10.0	100.0	0.020	1.10	5.0	-40 to 150		
		TCF16A20-11A	200	16.0	120.0	0.025	0.98	8.0	-40 to 150		
		TCU20A20-11A	200	20.0	120.0	0.025	1.13	10.0	-40 to 150		
		TCU20A30-11A	300	20.0	120.0	0.025	1.40	10.0	-40 to 150		
		TCF10A40-11A	400	10.0	80.0	0.030	1.25	5.0	-40 to 150		
		TCF10F60-11A	600	10.0	80.0	0.020	1.70	5.0	-55 to 175		
	TO-263 (D2pak) 12.8×10.1×4.6(mm)	TSF05A20	200	5.0	80.0	0.030	0.98	5.0	-40 to 150		
		TSU05D60	600	5.0	60.0	0.010	2.30	5.0	-55 to 175		
		TSU10D60	600	10.0	100.0	0.030	2.30	10.0	-55 to 175		
		TCF10A20	200	10.0	80.0	0.020	0.98	5.0	-40 to 150		
		TCU10A20	200	10.0	100.0	0.020	1.10	5.0	-40 to 150		
		TCF16A20	200	16.0	120.0	0.025	0.98	8.0	-40 to 150		
		TCU20A20	200	20.0	120.0	0.025	1.13	10.0	-40 to 150		
		TCU20A30	300	20.0	120.0	0.025	1.40	10.0	-40 to 150		
		TCF10A40	400	10.0	80.0	0.030	1.25	5.0	-40 to 150		
		TCF10F60	600	10.0	80.0	0.020	1.70	5.0	-55 to 175		
		TCF10F60	600	10.0	80.0	0.020	1.70	5.0	-55 to 175		
TU	TO-263LP 12.9×10.1×1.7(mm)	UCU20D30	300	20.0	120.0	0.025	1.30	10.0	-40 to 175		
		UCF10B40	400	10.0	80.0	0.020	1.35	5.0	-40 to 150	✓	
		UCF20B40	400	20.0	150.0	0.020	1.30	10.0	-55 to 175	✓	
MV	TO-277 6.5×4.0×1.1(mm)	VSF05A20	200	5.0	80.0	0.010	0.98	5.0	-55 to 175	✓	
		MVSF06A60	600	6.0	70.0	0.010	1.60	5.0	-55 to 175		

For Automotive　AEC-Q101 Qualified Products

Series	Outline	Part No.	VRRM [V]	Io [A]	IFSM [A]	IR [mA]	VFM [V]	@IFM [A]	T_{jw}, T_{stg} [°C]	AEC	Circuit
MC	nSMC_FL 8.0×4.0×1.5(mm)	AMC03FA20	200	3.0	45.0	0.010	0.98	3.0	-55 to 150	✓	
		AMC03FA40	400	3.0	45.0	0.010	1.25	3.0	-55 to 150	✓	
ME	SOD-128 4.8×2.7×1.0(mm)	AME01FA20	200	1.0	20.0	0.010	0.98	1.0	-55 to 150	✓	
		AME01FA40	400	1.0	20.0	0.010	1.25	1.0	-55 to 150	✓	
		AME01FA60	600	1.0	20.0	0.010	1.39	1.0	-55 to 150	✓	
		AME03FA20	200	3.0	45.0	0.010	0.98	3.0	-55 to 150	✓	
		AME03FA40	400	3.0	45.0	0.010	1.25	3.0	-55 to 150	✓	
MP	SOD-123FL 3.5×1.6×0.9(mm)	AMPP4RA60	600	0.4	20.0	0.010	1.32	0.4	-55 to 150	✓	
		AMPP5FA20	200	0.5	20.0	0.010	0.95	0.5	-55 to 150	✓	
TE	TO-252(Dpak) 9.9×6.6×2.4(mm)	EA61FC2-F	200	6.0	45.0	0.010	0.98	3.0	-40 to 150	✓	
		EA61FC4-F	400	6.0	45.0	0.020	1.25	3.0	-40 to 150	✓	
		ECF06F60-F	600	6.0	45.0	0.020	1.70	3.0	-55 to 175	✓	
TU	TO-263LP 12.9×10.1×1.7(mm)	UCF10B40	400	10.0	80.0	0.020	1.35	5.0	-40 to 150	✓	
		UCF20B40	400	20.0	150.0	0.020	1.30	10.0	-55 to 175	✓	
TK	TO-247 (long lead) 40.0×15.6×5.0(mm)	KCF30F60N	600	30.0	140.0	0.030	1.57	15.0	-55 to 175	✓	

ショットキーバリアダイオード
Schottky Barrier Diodes (SBD)

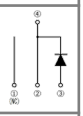
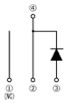
Series	Outline	Part No.	VRRM [V]	Io [A]	IFSM [A]	IR [mA]	VFM [V]	@IFM [A]	T_{jw}, T_{stg} [°C]	AEC	Circuit
MA	DO-221BC 4.8×2.7×1.0(mm)	MA10EB045	45	10.0	200.0	0.600	0.54	10.0	-55 to 150		
		MA10EA06	60	10.0	200.0	0.600	0.56	10.0	-55 to 150		
		MA10XA10	100	10.0	130.0	0.300	0.73	10.0	-55 to 150		
MC	nSMC_FL 8.0×4.0×1.5(mm)	MC03HD10	100	3.0	60.0	0.100	0.85	3.0	-55 to 150		
		MC03HA15	150	3.0	60.0	0.100	0.90	3.0	-55 to 150		
		MC03EA03	30	3.0	60.0	0.300	0.45	3.0	-55 to 150		
		MC05EA03	30	5.0	100.0	0.300	0.48	5.0	-55 to 150		
		MC03EA045	45	3.0	60.0	0.200	0.55	3.0	-55 to 150		
		MC03EA06	60	3.0	60.0	0.200	0.57	3.0	-55 to 150		
		MC05EA06	60	5.0	100.0	0.300	0.60	5.0	-55 to 150		
ME	SOD-128 4.8×2.7×1.0(mm)	ME01EA03	30	1.0	20.0	0.100	0.45	1.0	-55 to 150		
		ME03EA03	30	3.0	60.0	0.300	0.45	3.0	-55 to 150		
		ME01EA045	45	1.0	18.0	0.100	0.55	1.0	-55 to 150		
		ME03EA045	45	3.0	60.0	0.200	0.55	3.0	-55 to 150		
		ME01EA06	60	1.0	18.0	0.100	0.58	1.0	-55 to 150		
		ME03EA06	60	3.0	60.0	0.200	0.57	3.0	-55 to 150		
		ME01HD10	100	1.0	20.0	0.050	0.85	1.0	-55 to 150		
		ME03HD10	100	3.0	60.0	0.100	0.85	3.0	-55 to 150		
MP	SOD-123FL 3.5×1.6×0.9(mm)	MP01EA03	30	1.0	20.0	0.100	0.45	1.0	-55 to 150		
		MP01EA045	45	1.0	18.0	0.100	0.55	1.0	-55 to 150		
		MP01EA06	60	1.0	18.0	0.100	0.60	1.0	-55 to 150		
		MP01HD10	100	1.0	20.0	0.050	0.85	1.0	-55 to 150		
SA	SOD-323FL 2.5×1.25×0.5(mm)	SA10QA03	30	1.0	20.0	0.100	0.45	0.7	-40 to 150		
		SA10QA04	40	1.0	20.0	0.100	0.52	0.7	-40 to 150		
		SA10QA06	60	1.0	20.0	0.100	0.58	0.7	-40 to 150		
Axial	3Max ×ϕ2.7 (DO-41S) 3.0×ϕ2.7(mm)	11EQS03L	30	1.0	40.0	1.000	0.45	1.0	-40 to 150		
		11EQS04	40	1.0	40.0	1.000	0.55	1.0	-40 to 150		
		11EQS06	60	1.0	25.0	1.000	0.58	1.0	-40 to 150		
		11EQS10	100	1.0	40.0	0.500	0.85	1.0	-40 to 150		
		10EHA20	200	1.0	20.0	0.200	0.90	1.0	-40 to 150		
	DO-201AD 7.6×ϕ3.6(mm)	30GQA03L	30	3.0	120.0	0.500	0.45	3.0	-40 to 150		
		30GQA04	40	3.0	120.0	0.300	0.55	3.0	-40 to 150		
		50GQSA045	45	5.0	150.0	0.350	0.55	5.0	-40 to 150		
		30GQA06	60	3.0	75.0	0.300	0.58	3.0	-40 to 150		
		50GQSA065	65	5.0	150.0	0.400	0.61	5.0	-40 to 150		
		50GHSA08	80	5.0	120.0	0.100	0.70	5.0	-40 to 150		
		30GHA10	100	3.0	100.0	0.200	0.85	3.0	-40 to 150		
		50GHSA12	120	5.0	120.0	0.100	0.86	5.0	-40 to 150		
		30GHA20	200	3.0	60.0	0.200	0.90	3.0	-40 to 150		
	DO-204AC (DO-15) 9.2×ϕ5.8(mm)	20CQA03L	30	2.0	50.0	0.500	0.46	2.0	-40 to 150		
		20CQA04	40	2.0	80.0	0.300	0.55	2.0	-40 to 150		
		20CQA06	60	2.0	45.0	3.000	0.60	2.0	-40 to 150		
		20CHA10	100	2.0	70.0	0.200	0.85	2.0	-40 to 150		
		20CHA20	200	2.0	40.0	0.200	0.90	2.0	-40 to 150		
TG	TO-220 28.4×10.1×4.6(mm)	GCQ30A03L	30	30.0	250.0	15.000	0.49	15.0	-40 to 150		
		GCQ10A04	40	10.0	120.0	5.000	0.55	5.0	-40 to 150		
		GCQ20A04	40	20.0	180.0	10.000	0.55	10.0	-40 to 150		
		GCQ30A04	40	30.0	250.0	15.000	0.55	15.0	-40 to 150		
		GCQ10A06	60	10.0	110.0	5.000	0.58	5.0	-40 to 150		
		GCQ20A06	60	20.0	150.0	10.000	0.65	10.0	-40 to 150		
		GCQ30A06	60	30.0	200.0	15.000	0.65	15.0	-40 to 150		
		GCHS30A08	80	30.0	200.0	0.200	0.75	15.0	-40 to 150		
		GCH10A10	100	10.0	120.0	1.000	0.85	5.0	-40 to 150		
		GCH20A10	100	20.0	180.0	1.000	0.88	10.0	-40 to 150		
		GCH30A10	100	30.0	250.0	2.000	0.88	15.0	-40 to 150		

Series	Outline	Part No.	VRRM [V]	Io [A]	IFSM [A]	IR [mA]	VFM [V]	@IFM [A]	T_{jw}, T_{stg} [°C]	AEC	Circuit
TF	TO-220 Full-Mold 28.5×10.1×4.5(mm)	FCQ10A03L	30	10.0	120.0	5.000	0.47	5.0	-40 to 150		
		FCQ20A03L	30	20.0	180.0	10.000	0.49	10.0	-40 to 150		
		FCQ30A03L	30	30.0	250.0	15.000	0.49	15.0	-40 to 150		
		FCQS10A035	35	10.0	120.0	3.000	0.46	5.0	-40 to 150		
		FCHS10A045	45	10.0	120.0	0.100	0.59	5.0	-40 to 150		
		FCQS10A045	45	10.0	120.0	0.350	0.57	5.0	-40 to 150		
		FCQS10AU045	45	10.0	120.0	0.200	0.59	5.0	-40 to 150		
		FCHS20A045	45	20.0	180.0	0.100	0.58	10.0	-40 to 150		
		FCQS20A045	45	20.0	180.0	0.600	0.57	10.0	-40 to 150		
		FCHS30A045	45	30.0	250.0	0.200	0.60	15.0	-40 to 150		
		FCQS30A045	45	30.0	200.0	1.000	0.55	15.0	-40 to 150		
		FCQS30AU045	45	30.0	180.0	0.600	0.60	15.0	-40 to 150		
		FCHS10A065	65	10.0	120.0	0.100	0.66	5.0	-40 to 150		
		FCQS10A065	65	10.0	120.0	0.400	0.61	5.0	-40 to 150		
		FCHS20A065	65	20.0	180.0	0.150	0.68	10.0	-40 to 150		
		FCQS20A065	65	20.0	180.0	1.000	0.63	10.0	-40 to 150		
		FCQS20BU065	65	20.0	120.0	0.400	0.74	10.0	-40 to 150		
		FCHS30A065	65	30.0	200.0	0.200	0.64	15.0	-40 to 150		
		FCQS30A065	65	30.0	200.0	1.500	0.64	15.0	-40 to 150		
		FCQS30AU065	65	30.0	180.0	1.000	0.69	15.0	-40 to 150		
		FCHS10A08	80	10.0	120.0	0.100	0.72	5.0	-40 to 150		
		FCHS20A08	80	20.0	180.0	0.150	0.75	10.0	-40 to 150		
		FCHS30A08	80	30.0	200.0	0.200	0.75	15.0	-40 to 150		
		FCHS30AU08	80	30.0	180.0	0.150	0.81	15.0	-40 to 150		
		FCH08A10	100	8.0	100.0	1.000	0.88	4.0	-40 to 150		
		FCH10A10	100	10.0	120.0	1.000	0.86	5.0	-40 to 150		
		FCH10E10	100	10.0	120.0	0.100	0.77	5.0	-40 to 150		
		FCH20A10	100	20.0	180.0	1.000	0.88	10.0	-40 to 150		
		FCH20BU10	100	20.0	120.0	0.100	1.00	10.0	-40 to 150		
		FCH20E10	100	20.0	180.0	0.100	0.80	10.0	-40 to 150		
		FCH30A10	100	30.0	250.0	2.000	0.88	15.0	-40 to 150		
		FCH30AU10	100	30.0	200.0	0.200	0.94	15.0	-40 to 150		
		FCH30E10	100	30.0	250.0	0.100	0.80	15.0	-40 to 150		
		FCHS08A12	120	8.0	100.0	0.100	0.89	4.0	-40 to 150		
		FCHS10A12	120	10.0	120.0	0.100	0.86	5.0	-40 to 150		
		FCHS20A12	120	20.0	180.0	0.100	0.89	10.0	-40 to 150		
		FCHS30A12	120	30.0	200.0	0.100	0.90	15.0	-40 to 150		
		FCH08A15	150	8.0	125.0	1.000	0.90	4.0	-40 to 150		
		FCH10A15	150	10.0	130.0	1.000	0.88	5.0	-40 to 150		
		FCH20A15	150	20.0	180.0	1.000	0.90	10.0	-40 to 150		
		FCH20BU15	150	20.0	130.0	0.100	1.00	10.0	-40 to 150		
		FCH30A15	150	30.0	250.0	2.000	0.91	15.0	-40 to 150		
		FCH10A20	200	10.0	100.0	0.200	0.90	5.0	-40 to 150		
		FCH20A20	200	20.0	120.0	0.200	0.90	10.0	-40 to 150		
		FCH20AU20	200	20.0	100.0	0.200	1.05	10.0	-40 to 150		
		FRQS20A045	45	20.0	180.0	0.600	0.57	10.0	-40 to 150		
		FRQS20A065	65	20.0	180.0	1.000	0.63	10.0	-40 to 150		
		FRH20A10	100	20.0	180.0	1.000	0.88	10.0	-40 to 150		
		FRH08A15	150	8.0	125.0	1.000	0.90	4.0	-40 to 150		
		FRH10A15	150	10.0	130.0	1.000	0.88	5.0	-40 to 150		
		FRH10A15	150	10.0	130.0	1.000	0.88	5.0	-40 to 150		
		FRH10A20	200	10.0	100.0	0.200	0.90	5.0	-40 to 150		
		FRH20A20	200	20.0	120.0	0.200	0.90	10.0	-40 to 150		

ショットキーバリアダイオード
Schottky Barrier Diodes (SBD)

製品検索
Product search

KYOCERA

Series	Outline	Part No.	VRRM [V]	Io [A]	IFSM [A]	IR [mA]	VFM [V]	@IFM [A]	T_{jw}, T_{stg} [°C]	AEC	Circuit
TF	TO-220 Full-Mold 2pin 28.5×10.1×4.5(mm)	FSQ05A03L	30	5.0	120.0	5.000	0.47	5.0	-40 to 150		
		FSQS05A045	45	5.0	120.0	0.350	0.54	5.0	-40 to 150		
		FSQS30A045	45	30.0	400.0	1.000	0.56	30.0	-40 to 150		
		FSQS15A045	45	15.0	200.0	1.000	0.54	15.0	-40 to 150		
		FSQS10A045	45	10.0	180.0	0.600	0.54	10.0	-40 to 150		
		FSHS05A065	65	5.0	120.0	0.100	0.63	5.0	-40 to 150		
		FSQS05A065	65	5.0	120.0	0.400	0.58	5.0	-40 to 150		
		FSQS05AU065	65	5.0	100.0	0.300	0.69	5.0	-40 to 150		
		FSQS10A065	65	10.0	180.0	1.000	0.60	10.0	-40 to 150		
		FSHS05A08	80	5.0	120.0	0.100	0.72	5.0	-40 to 150		
		FSH05A10	100	5.0	120.0	1.000	0.85	5.0	-40 to 150		
		FSH10A10	100	10.0	180.0	1.000	0.88	10.0	-40 to 150		
		FSH05A15	150	5.0	130.0	1.000	0.88	5.0	-40 to 150		
		FSH10A15	150	10.0	180.0	1.000	0.90	10.0	-40 to 150		
		FSH05A20	200	5.0	100.0	0.200	0.90	5.0	-40 to 150		
TE	TO-251 11.3×6.3×2.4(mm)	EA30QS04	40	3.0	45.0	3.000	0.55	3.0	-40 to 150		
		EA60QC04	40	6.0	45.0	3.000	0.55	3.0	-40 to 150		
		EA60QC06	60	6.0	45.0	3.000	0.58	3.0	-40 to 150		
		EA60QC10	100	6.0	45.0	1.000	0.85	3.0	-40 to 150		
	TO-252 (Dpak) 9.9×6.3×2.4(mm)	EA30QS03L-F	30	3.0	45.0	3.000	0.45	3.0	-40 to 150		
		EA30QS04-F	40	3.0	45.0	3.000	0.55	3.0	-40 to 150		
		EA30QS06-F	60	3.0	45.0	3.000	0.58	3.0	-40 to 150		
		EA30QS10-F	100	3.0	45.0	1.000	0.85	3.0	-40 to 150		
		EA30QS10-F	100	3.0	45.0	1.000	0.85	3.0	-40 to 150		
		ESH05A15-F	150	5.0	130.0	1.000	0.88	5.0	-40 to 150		
		EA60QC03L-F	30	6.0	45.0	3.000	0.45	3.0	-40 to 150		
		ECQS10A035-F	35	10.0	100.0	3.000	0.47	5.0	-40 to 150		
		EA60QC04-F	40	6.0	45.0	3.000	0.55	3.0	-40 to 150		
		ECQS10A045-F	45	10.0	120.0	0.350	0.57	5.0	-40 to 150		
		EA60QC06-F	60	6.0	45.0	3.000	0.58	3.0	-40 to 150		
		ECHS10A08-F	80	10.0	100.0	0.100	0.70	5.0	-40 to 150		
		EA60QC10-F	100	6.0	45.0	1.000	0.85	3.0	-40 to 150		
		ECH06A20-F	200	6.0	60.0	0.200	0.90	3.0	-40 to 150		
		ECHS10A08-F	80	10.0	100.0	0.100	0.70	5.0	-40 to 150		
NA	NA (DO-221BC) 4.7×2.4×0.92(mm)	NA03QSA035	35	3.0	60.0	2.000	0.47	3.0	-40 to 150		
		NA05QSA035	35	5.0	100.0	3.000	0.47	5.0	-40 to 150		
		NA03QSA045	45	3.0	60.0	0.200	0.55	3.0	-40 to 150		
		NA05QSA045	45	5.0	100.0	0.350	0.57	5.0	-40 to 150		
		NA03HSA065	65	3.0	80.0	0.070	0.66	3.0	-40 to 150		
		NA03QSA065	65	3.0	60.0	0.300	0.61	3.0	-40 to 150		
		NA05HSA065	65	5.0	120.0	0.100	0.66	5.0	-40 to 150		
		NA05QSA065	65	5.0	100.0	0.400	0.61	5.0	-40 to 150		
		NA03HSA08	80	3.0	80.0	0.100	0.70	3.0	-40 to 150		
		NA05HSA08	80	5.0	120.0	0.100	0.70	5.0	-40 to 150		
		NA03HSA12	120	3.0	60.0	0.070	0.86	3.0	-40 to 150		
		NA05HSA12	120	5.0	100.0	0.100	0.86	5.0	-40 to 150		
		NA03HA15	150	3.0	60.0	1.000	0.90	3.0	-40 to 150		
		NA03HA20	200	3.0	110.0	1.000	0.90	3.0	-40 to 150		
NB	NB 4.7×5.6×0.92(mm)	NB06QSA035	35	6.0	60.0	2.000	0.47	3.0	-40 to 150		
		NB10QSA035	35	10.0	100.0	3.000	0.47	5.0	-40 to 150		
		NB06QSA045	45	6.0	60.0	0.200	0.55	3.0	-40 to 150		
		NB10QSA045	45	10.0	100.0	0.350	0.57	5.0	-40 to 150		
		NB06HSA065	65	6.0	80.0	0.070	0.66	3.0	-40 to 150		
		NB06QSA065	65	6.0	60.0	0.300	0.61	3.0	-40 to 150		
		NB10HSA065	65	10.0	120.0	0.100	0.66	5.0	-40 to 150		
		NB10QSA065	65	10.0	100.0	0.400	0.61	5.0	-40 to 150		
		NB06HSA08	80	6.0	80.0	0.100	0.70	3.0	-40 to 150		
		NB10HSA08	80	10.0	120.0	0.100	0.70	5.0	-40 to 150		
		NB06HSA12	120	6.0	60.0	0.070	0.86	3.0	-40 to 150		
		NB10HSA12	120	10.0	100.0	0.100	0.86	5.0	-40 to 150		

ショットキーバリアダイオード
Schottky Barrier Diodes (SBD)

Series	Outline	Part No.	VRRM [V]	Io [A]	IFSM [A]	IR [mA]	VFM [V]	@IFM [A]	T_{jw}, T_{stg} [°C]	AEC	Circuit
TK	TO-247 34.5×15.6×5.0(mm)	KCQ30A03L	30	30.0	250.0	15.000	0.49	15.0	-40 to 125		
		KCQ60A03L	30	60.0	400.0	25.000	0.50	30.0	-40 to 150		
		KCQ20A04	40	20.0	180.0	10.000	0.55	10.0	-40 to 150		
		KCQ30A04	40	30.0	300.0	15.000	0.55	15.0	-40 to 150		
		KCQ60A04	40	60.0	400.0	25.000	0.58	30.0	-40 to 150		
		KCQ20A06	60	20.0	150.0	10.000	0.65	10.0	-40 to 150		
		KCH30A06	60	30.0	200.0	1.000	0.69	15.0	-40 to 150		
		KCQ30A06	60	30.0	200.0	15.000	0.65	15.0	-40 to 150		
		KCQ60A06	60	60.0	400.0	25.000	0.67	30.0	-40 to 150		
		KCH20A10	100	20.0	180.0	1.000	0.88	10.0	-40 to 150		
		KCH30A10	100	30.0	250.0	2.000	0.88	15.0	-40 to 150		
		KCH30A15	150	30.0	250.0	2.000	0.91	15.0	-40 to 150		
		KCH20A20	200	20.0	120.0	0.200	0.90	10.0	-40 to 150		
		KCH30A20	200	30.0	150.0	0.300	0.92	15.0	-40 to 150		
	TO-247 2pin 34.5×15.6×5.0(mm)	KSQ15A04	40	15.0	250.0	15.000	0.55	15.0	-40 to 150		
		KSQ30A04	40	30.0	400.0	25.000	0.58	30.0	-40 to 150		
		KSQ15A06	60	15.0	200.0	15.000	0.65	15.0	-40 to 150		
		KSQ30A06	60	30.0	400.0	25.000	0.67	30.0	-40 to 150		
		KSH15A10	100	15.0	250.0	2.000	0.88	15.0	-40 to 150		
		KSH30A20	200	30.0	300.0	0.500	0.95	30.0	-40 to 150		
TT	TO-262 22.9×10.1×4.6(mm)	TCQ20A03L-11A	30	20.0	180.0	10.000	0.45	10.0	-40 to 150		
		TCQ10A04-11A	40	10.0	120.0	5.000	0.55	5.0	-40 to 150		
		TCQ20A04-11A	40	20.0	180.0	10.000	0.55	10.0	-40 to 150		
		TCQ30A04-11A	40	30.0	250.0	15.000	0.55	10.0	-40 to 150		
		TCQ30A06-11A	60	30.0	200.0	15.000	0.65	10.0	-40 to 150		
		TCH10A15-11A	150	10.0	130.0	1.000	0.88	5.0	-40 to 150		
		TCH20A15-11A	150	20.0	180.0	1.000	0.90	10.0	-40 to 150		
		TCH30A15-11A	150	30.0	250.0	2.000	0.91	15.0	-40 to 150		
		TCH20A20-11A	200	20.0	120.0	0.200	0.90	10.0	-40 to 150		
	TO-263 (D2pak) 12.8×10.1×4.6(mm)	TCQ20A03L	30	20.0	180.0	10.000	0.45	10.0	-40 to 150		
		TCQ10A04	40	10.0	120.0	5.000	0.55	5.0	-40 to 150		
		TCQ20A04	40	20.0	180.0	10.000	0.55	10.0	-40 to 150		
		TCQ30A04	40	30.0	250.0	15.000	0.55	10.0	-40 to 150		
		TCQ30A06	60	30.0	200.0	15.000	0.65	10.0	-40 to 150		
		TCH10A15	150	10.0	130.0	1.000	0.88	5.0	-40 to 150		
		TCH20A15	150	20.0	180.0	1.000	0.90	10.0	-40 to 150		
		TCH30A15	150	30.0	250.0	2.000	0.91	15.0	-40 to 150		
		TCH20A20	200	20.0	120.0	0.200	0.90	10.0	-40 to 150		
TU	TO-263LP 12.9×10.1×1.7(mm)	UCQ30A03	30	30.0	230.0	1.500	0.50	15.0	-40 to 150		
		UCQS20A045	45	20.0	220.0	0.600	0.54	10.0	-40 to 150	✓	
		UCQS30A045	45	30.0	250.0	1.000	0.55	15.0	-40 to 150		
		UCHS10A065	65	10.0	120.0	0.100	0.63	5.0	-40 to 150		
		UCQS10A065	65	10.0	120.0	0.400	0.61	5.0	-40 to 150		
		UCHS10A08	80	10.0	120.0	0.100	0.69	5.0	-40 to 150		
		UCHS20A08	80	20.0	220.0	0.150	0.71	10.0	-40 to 150	✓	
		UCHS30A08	80	30.0	250.0	0.100	0.79	15.0	-40 to 150		
		UCHS10A12	120	10.0	120.0	0.100	0.84	5.0	-40 to 150		
		UCHS20A12	120	20.0	220.0	0.100	0.87	10.0	-40 to 150		
		UCHS30A12	120	30.0	250.0	0.100	0.90	15.0	-40 to 150		

Series	Outline	Part No.	VRRM [V]	Io [A]	IFSM [A]	IR [mA]	VFM [V]	@IFM [A]	T_{jw}, T_{stg} [°C]	AEC	Circuit
MV	TO-277 6.5×4.0×1.1(mm)	VSQS10A045	45	10.0	280.0	0.600	0.56	10.0	-40 to 150	✓	
		VSQS15A045	45	15.0	230.0	1.000	0.54	15.0	-40 to 150		
		VSQS10A065	65	10.0	140.0	0.200	0.65	10.0	-40 to 150		
		VSHS15A08	80	15.0	150.0	0.100	0.76	15.0	-40 to 150		
		VSHS10A12	120	10.0	190.0	0.100	0.89	10.0	-40 to 150		
		VSHS15A12	120	15.0	150.0	0.100	0.92	15.0	-40 to 150		
		VSHS03A12	120	3.0	70.0	0.070	0.86	3.0	-40 to 150		
		MVSG10A10	100	10.0	200.0	0.001	0.78	10.0	-40 to 175		
		MVSX10A10	100	10.0	130.0	0.300	0.73	10.0	-40 to 150		
		MVSG15A10	100	15.0	200.0	0.001	0.80	15.0	-40 to 175		
		MVSX15A10	100	15.0	150.0	0.500	0.75	15.0	-40 to 150		
		MVSG05A10	100	5.0	100.0	0.001	0.78	5.0	-40 to 175		
		MVSX05A10	100	5.0	80.0	0.250	0.73	5.0	-40 to 150		
		MVSG08A10	100	8.0	180.0	0.001	0.78	8.0	-40 to 175		
		MVSX08A10	100	8.0	100.0	0.300	0.74	8.0	-40 to 150		
		MVST10A15	150	10.0	200.0	0.001	0.82	10.0	-40 to 175		
		MVST05A15	150	5.0	100.0	0.000	0.82	5.0	-40 to 175		
		MVST10A20	200	10.0	200.0	0.005	0.85	10.0	-40 to 175		
		MVST05A20	200	5.0	100.0	0.003	0.85	5.0	-40 to 175		
		MVSE10A045	45	10.0	200.0	0.600	0.55	10.0	-40 to 150		
		MVSE15A045	45	15.0	200.0	0.800	0.56	15.0	-40 to 150		
		MVSE20A045	45	20.0	200.0	1.200	0.56	20.0	-40 to 150		
		MVSE05A045	45	5.0	100.0	0.200	0.55	5.0	-40 to 150		
		MVSE10A06	60	10.0	200.0	0.600	0.56	10.0	-40 to 150		
		MVSE15A06	60	15.0	200.0	0.800	0.61	15.0	-40 to 150		
		MVSX10A10	100	10.0	130.0	0.300	0.73	10.0	-40 to 150		
		MVSX15A10	100	15.0	150.0	0.500	0.75	15.0	-40 to 150		

For Automotive　AEC-Q101 Qualified Products

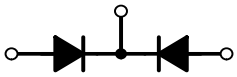
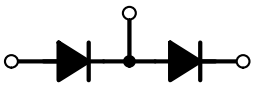
Series	Outline	Part No.	VRRM [V]	Io [A]	IFSM [A]	IR [mA]	VFM [V]	@IFM [A]	T_{jw}, T_{stg} [°C]	AEC	Circuit
MA	DO-221BC 4.8×2.7×1.0(mm)	AMA10EB045	45	10.0	200.0	0.600	0.54	10.0	-55 to 150	✓	
		AMA10EA06	60	10.0	200.0	0.600	0.56	10.0	-55 to 150	✓	
		AMA10XA10	100	10.0	130.0	0.300	0.73	10.0	-55 to 150	✓	
MC	nSMC_FL 8.0×4.0×1.5(mm)	AMC03HD10	100	3.0	60.0	0.100	0.85	3.0	-55 to 150	✓	
		AMC03HA15	150	3.0	60.0	0.100	0.90	3.0	-55 to 150	✓	
		AMC03EA03	30	3.0	60.0	0.300	0.45	3.0	-55 to 150	✓	
		AMC05EA03	30	5.0	100.0	0.300	0.48	5.0	-55 to 150	✓	
		AMC03EA045	45	3.0	60.0	0.200	0.55	3.0	-55 to 150	✓	
		AMC03EA06	60	3.0	60.0	0.200	0.57	3.0	-55 to 150	✓	
		AMC05EA06	60	5.0	100.0	0.300	0.60	5.0	-55 to 150	✓	
ME	SOD-128 4.8×2.7×1.0(mm)	AME01EA03	30	1.0	20.0	0.100	0.45	1.0	-55 to 150	✓	
		AME03EA03	30	3.0	60.0	0.300	0.45	3.0	-55 to 150	✓	
		AME01EA045	45	1.0	18.0	0.100	0.55	1.0	-55 to 150	✓	
		AME03EA045	45	3.0	60.0	0.200	0.55	3.0	-55 to 150	✓	
		ME01EA06	60	1.0	18.0	0.100	0.58	1.0	-55 to 150	✓	
		ME03EA06	60	3.0	60.0	0.200	0.57	3.0	-55 to 150	✓	
		ME03HD10	100	3.0	60.0	0.100	0.85	3.0	-55 to 150	✓	
MP	SOD-123FL 3.5×1.6×0.9(mm)	AMP01EA03	30	1.0	20.0	0.100	0.45	1.0	-55 to 150	✓	
		AMP01EA045	45	1.0	18.0	0.100	0.55	1.0	-55 to 150	✓	
		AMP01EA06	60	1.0	18.0	0.100	0.60	1.0	-55 to 150	✓	
		AMP01HD10	100	1.0	20.0	0.050	0.85	1.0	-55 to 150	✓	
TU	TO-263LP 12.9×10.1×1.7(mm)	UCQS20A045	45	20.0	220.0	0.600	0.54	10.0	-40 to 150	✓	
		UCHS20A08	80	20.0	220.0	0.150	0.71	10.0	-40 to 150	✓	
TF	TO-220 Full-Mold 28.5×10.1×4.5(mm)	FCQS20A045	45	20.0	180.0	0.600	0.57	10.0	-40 to 150	✓	
MV	TO-277 6.5×4.0×1.1(mm)	AMVSG10A10	100	10.0	200.0	0.001	0.78	10.0	-40 to 175	✓	
		AMVSX10A10	100	10.0	130.0	0.300	0.73	10.0	-40 to 150	✓	
		AMVSG15A10	100	15.0	200.0	0.001	0.80	15.0	-40 to 175	✓	
		AMVSX15A10	100	15.0	150.0	0.500	0.75	15.0	-40 to 150	✓	
		AMVSG05A10	100	5.0	100.0	0.001	0.78	5.0	-40 to 175	✓	
		AMVSX05A10	100	5.0	80.0	0.250	0.73	5.0	-40 to 150	✓	
		AMVSG08A10	100	8.0	180.0	0.001	0.78	8.0	-40 to 175	✓	
		AMVSX08A10	100	8.0	100.0	0.300	0.74	8.0	-40 to 150	✓	
		AMVST10A15	150	10.0	200.0	0.001	0.82	10.0	-40 to 175	✓	
		AMVST05A15	150	5.0	100.0	0.000	0.82	5.0	-40 to 175	✓	
		AMVST10A20	200	10.0	200.0	0.005	0.85	10.0	-40 to 175	✓	
		AMVST05A20	200	5.0	100.0	0.003	0.85	5.0	-40 to 175	✓	
		AMVSE10A045	45	10.0	200.0	0.600	0.55	10.0	-40 to 150	✓	
		AMVSE15A045	45	15.0	200.0	0.800	0.56	15.0	-40 to 150	✓	
		AMVSE20A045	45	20.0	200.0	1.200	0.56	20.0	-40 to 150	✓	
		AMVSE05A045	45	5.0	100.0	0.200	0.55	5.0	-40 to 150	✓	
		AMVSE10A06	60	10.0	200.0	0.600	0.56	10.0	-40 to 150	✓	
		AMVSE15A06	60	15.0	200.0	0.800	0.61	15.0	-40 to 150	✓	
		AMVSX10A10	100	10.0	130.0	0.300	0.73	10.0	-40 to 150	✓	
		AMVSX15A10	100	15.0	150.0	0.500	0.75	15.0	-40 to 150	✓	

一般整流ダイオードモジュール
General Rectifier Diodes Modules

製品検索
Product search

WEB

KYOCERA

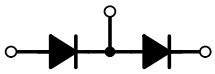
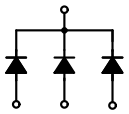
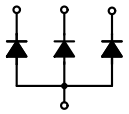
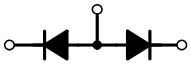
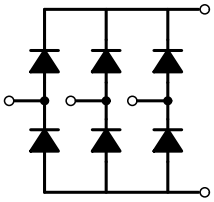
Series	Outline	Part No.	VRRM [V]	Io [A]	UL	Circuit
PH	E-35 100×60×46.5(mm)	K35DH400P080AAA	800	400	✓	
		K35DH400P160AAA	1600	400	✓	
PC	E-2 93×26.5×30(mm)	K02DC030P080AAA	800	30	✓	
		K02DC060P080AAA	800	60	✓	
		K02DC100P080AAA	800	100	✓	
	E-3 93×26.7×30(mm)	K03DC030P160AAA	1600	30	✓	
		K03DC060P160AAA	1600	60	✓	
		K03DC100P160AAA	1600	100	✓	
	E-4 150×40×33(mm)	K04DC150P080AAA	800	150	✓	
		K04DC200P080AAA	800	200	✓	
		K04DC250P080AAA	800	250	✓	
		K04DC150P160AAA	1600	150	✓	
		K04DC200P160AAA	1600	200	✓	
		K04DC250P160AAA	1600	250	✓	
	E-34 180×60×50(mm)	K34DC400P080AAA	800	400	✓	
		K34DC400P160AAA	1600	400	✓	
PD	E-60 150×60×52(mm)	PD30KN8	800	30	✓	
		PD60KN8	800	60	✓	
		PD100KN8	800	100	✓	
		PD30KN16	1600	30	✓	
		PD60KN16	1600	60	✓	
		PD100KN16	1600	100	✓	
	E-61 89×36×17(mm)	PD150KN8	800	150	✓	
		PD200KN8	800	200	✓	
		PD250KN8A	800	250	✓	
		PD150KN16	1600	150	✓	
		PD200KN16	1600	200	✓	
		PD250KN16A	1600	250	✓	
	E-58 94×35×30(mm)	PD150S8	800	150	✓	
		PD200S8	800	200	✓	
		PD230S8	800	230	✓	
		PD150S16	1600	150	✓	
		PD200S16	1600	200	✓	
		PD230S16	1600	230	✓	
		PD150S22	2200	150		
	E-79 93×20×30(mm)	PD100MYN16	1600	100	✓	
		PD100MYN18	1800	100	✓	
	E-80 94×34×30(mm)	PD200MYN16	1600	200	✓	
		PD200MYN18	1800	200	✓	
	E-81 115×50×52(mm)	PD260MYN16	1600	260	✓	
		PD260MYN18	1800	260	✓	
		PD380MYN16	1600	380	✓	
		PD380MYN18	1800	380	✓	
	E-82 150×60×52(mm)	PD700MYN16	1600	700	✓	
		PD700MYN18	1800	700	✓	
	E-2 93×26.5×30(mm)	K02DD030P080AAA	800	30	✓	
		K02DD060P080AAA	800	60	✓	
		K02DD100P080AAA	800	100	✓	

一般整流ダイオードモジュール
General Rectifier Diodes Modules

製品検索
Product search

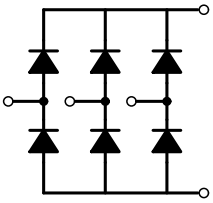
WEB

KYOCERA

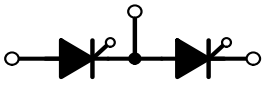
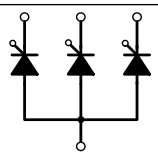
Series	Outline	Part No.	VRRM [V]	Io [A]	UL	Circuit
PD	E-3 93×26.7×30(mm)	K03DD030P160AAA	1600	30	✓	
		K03DD060P160AAA	1600	60	✓	
		K03DD100P080AAA	800	100	✓	
		K03DD100P160AAA	1600	100	✓	
	E-5 150×40×33(mm)	K05DD150P080AAA	800	150	✓	
		K05DD200P080AAA	800	200	✓	
		K05DD250P080AAA	800	250	✓	
		K05DD150P160AAA	1600	150	✓	
		K05DD200P160AAA	1600	200	✓	
		K05DD250P160AAA	1600	250	✓	
	E-34 180×60×50(mm)	K34DD400P080AAA	800	400	✓	
		K34DD400P160AAA	1600	400	✓	
	E-44 108×34×30(mm)	K44DD150P080AAA	800	150	✓	
		K44DD200P080AAA	800	200	✓	
		K44DD150P160AAA	1600	150	✓	
		K44DD200P160AAA	1600	200	✓	
PE	E-2 93×26.5×30(mm)	PE30SN8	800	30		
		PE30SN16	1600	30		
		PE100SN8	800	100	✓	
		K02DE030N080AAA	800	30		
		K02DE060N080AAA	800	60		
		K02DE100N080AAA	800	100		
PF	E-64 82×42×22(mm)	PF30SN8	800	30		
		PF30SN16	1600	30		
		PF100SN8	800	100	✓	
PR	E-2 93×26.5×30(mm)	K02DR060P080AAA	800	60	✓	
	E-73 89×36×17(mm)	PR250KN8N	800	250		
PT	E-62 80.5×44×17(mm)	PT50KN8	800	50	✓	
		PT75KN8	800	75	✓	
		PT100KN8	800	100	✓	
		PT50KN16	1600	50	✓	
		PT75KN16	1600	75	✓	
	E-63 91×52×17(mm)	PT100KN16	1600	100	✓	
		PT150KN8	800	150	✓	
		PT200KN8	800	200	✓	
		PT150KN16	1600	150	✓	
		PT200KN16	1600	200	✓	
	E-64 82×42×22(mm)	PT50SN8	800	50	✓	
		PT76SN8	800	75	✓	
		PT100SN8	800	100	✓	
		PT50SN16	1600	50	✓	
		PT76SN16	1600	75	✓	
		PT100SN16	1600	100	✓	
		K64DT150P080AAA	800	150	✓	

一般整流ダイオードモジュール
General Rectifier Diodes Modules

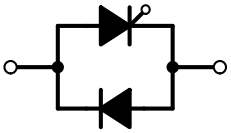
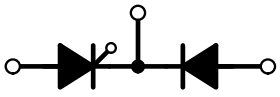
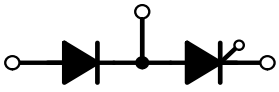
製品検索
Product search

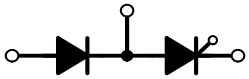
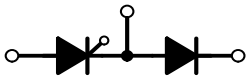
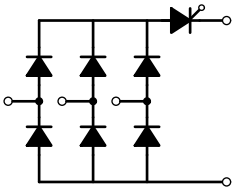
Series	Outline	Part No.	VRRM [V]	Io [A]	UL	Circuit
PT	E-18 110×50×29(mm)	PT150N8	800	150	✓	
		PT200N8	800	200	✓	
		PT150N16	1600	150	✓	
		PT200N16	1600	200	✓	
	E-77 72×42×30(mm)	PT80MYN16	1600	80	✓	
		PT80MYN18	1800	80	✓	
	E-78 94×54×30(mm)	PT150MYN16	1600	150	✓	
		PT150MYN18	1800	150	✓	
		PT200MYN16	1600	200	✓	
		PT200MYN18	1800	200	✓	
	E-7 80.3×40.4×27(mm)	K07DT050P080AAA	800	50	✓	
		K07DT100P080AAF	800	100	✓	

サイリスタモジュール
Thyristor Modules

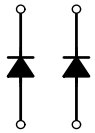
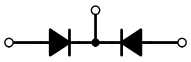
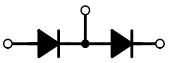
Series	Outline	Part No.	VRRM [V]	Io [A]	UL	Circuit
PHT	E-38 38×30×17(mm)	PHT308C	30	800		
		PHT608C	60	800		
		PHT608AC	60	800	✓	
		PHT6016AC	60	1600	✓	
	E-42 97.2×41.2×30(mm)	PHT250N8	250	800	✓	
		PHT250N16	250	1600	✓	
	E-35 100×60×46.5(mm)	K35TH400P080AAA	400	800	✓	
		K35TH400P160AAA	400	1600	✓	
PAT	E-2 93×26.5×30(mm)	K02TA030P080AAA	30	800	✓	
		K02TA060P080AAA	60	800	✓	
		K02TA100P080AAA	100	800	✓	
	E-3 93×26.7×30(mm)	K03TA030P080AAA	30	800	✓	
		K03TA060P080AAA	60	800	✓	
		K03TA100P080AAA	100	800	✓	
		K03TA030P160AAA	30	1600	✓	
		K03TA060P160AAA	60	1600	✓	
		K03TA100P160AAA	100	1600	✓	
	E-5 150×40×33(mm)	K05TA150P080AAA	150	800	✓	
		K05TA200P080AAA	200	800	✓	
		K05TA150P160AAA	150	1600	✓	
		K05TA200P160AAA	200	1600	✓	
	E-34 150×40×33(mm)	K34TA400P080AAA	400	800	✓	
		K34TA400P160AAA	400	1600	✓	
PDT	E-2 93×26.5×30(mm)	K02TD030P080AAA	30	800	✓	
		K02TD060P080AAA	60	800	✓	
		K02TD100P080AAA	100	800	✓	
	E-3 93×26.7×30(mm)	K03TD030P160AAA	30	1600	✓	
		K03TD060P160AAA	60	1600	✓	
		K03TD100P160AAA	100	1600	✓	
	E-5 150×40×33(mm)	K05TD150P080AAA	150	800	✓	
		K05TD200P080AAA	200	800	✓	
		K05TD150P160AAA	150	1600	✓	
		K05TD200P160AAA	200	1600	✓	
	E-34 180×60×50(mm)	K34TD400P080AAA	400	800	✓	
		K34TD400P160AAA	400	1600	✓	
	E-44 108×34×30(mm)	K44TD150P080AAA	150	800	✓	
		K44TD200P080AAA	200	800	✓	
		K44TD150P160AAA	150	1600	✓	
		K44TD200P160AAA	200	1600	✓	
PFT	E-3 93×26.7×30(mm)	K03TF080N040AAA	80	400		
		K03TF100N040AAA	100	400		
	E-44 108×34×30(mm)	K44TF150N040AAA	150	400		
		K44TF200N040AAA	200	400		

サイリスタモジュール
Thyristor Modules

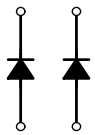
Series	Outline	Part No.	VRRM [V]	Io [A]	UL	Circuit
PAH	E-66 82×42×22(mm)	PAH30N8CM	30	800	✓	
		PAH60N8CM	60	800	✓	
		PAH100N8CM	100	800	✓	
		PAH30N16CM	30	1600	✓	
		PAH60N16CM	60	1600	✓	
	E-71 82×35×14(mm)	PAH60LN8	60	800	✓	
		PAH60LN16	60	1600	✓	
		PAH100N8	100	800	✓	
	E-72 98×32×27(mm)	PAH100N16	100	1600	✓	
		PAH150N16	150	1600	✓	
		PAH200N8	200	800	✓	
		PAH250N8	250	800	✓	
		PAH300N8	300	800	✓	
	E-2 93×26.5×30(mm)	K02HA030P080AAA	30	800	✓	
		K02HA060P080AAA	60	800	✓	
		K02HA100P080AAA	100	800	✓	
	E-3 93×26.7×30(mm)	K03HA030P160AAA	30	1600	✓	
		K03HA060P160AAA	60	1600	✓	
		K03HA100P160AAA	100	1600	✓	
	E-5 150×40×33(mm)	K05HA150P080AAA	150	800	✓	
		K05HA150P160AAA	150	1600	✓	
		K05HA200P080AAA	200	800	✓	
		K05HA200P160AAA	200	1600	✓	
	E-34 150×40×33(mm)	K34HA400P080AAA	400	800	✓	
		K34HA400P160AAA	400	1600	✓	
PCH	E-2 93×26.5×30(mm)	K02HC030P080AAA	30	800	✓	
		K02HC060P080AAA	60	800	✓	
		K02HC100P080AAA	100	800	✓	
	E-3 93×26.7×30(mm)	K03HC030P160AAA	30	1600	✓	
		K03HC060P160AAA	60	1600	✓	
		K03HC100P160AAA	100	1600	✓	
	E-4 150×40×33(mm)	K04HC150P080AAA	150	800	✓	
		K04HC150P160AAA	150	1600	✓	
		K04HC200P080AAA	200	800	✓	
		K04HC200P160AAA	200	1600	✓	
	E-34 150×40×33(mm)	K34HC400P080AAA	400	800	✓	
		K34HC400P160AAA	400	1600	✓	
PDH	E-2 93×26.5×30(mm)	K02HD030P080AAA	30	800	✓	
		K02HD060P080AAA	60	800	✓	
		K02HD100P080AAA	100	800	✓	
	E-3 93×26.7×30(mm)	K03HD030P160AAA	30	1600	✓	
		K03HD060P160AAA	60	1600	✓	
		K03HD100P160AAA	100	1600	✓	
	E-5 150×40×33(mm)	K05HD150P080AAA	150	800	✓	
		K05HD150P160AAA	150	1600	✓	
		K05HD200P080AAA	200	800	✓	
		K05HD200P160AAA	200	1600	✓	

Series	Outline	Part No.	VRRM [V]	Io [A]	UL	Circuit
PDH	E-34 150×40×33(mm)	K34HD400P080AAA	400	800	✓	
		K34HD400P160AAA	400	1600	✓	
	E-44 108×34×30(mm)	K44HD150P080AAA	150	800	✓	
		K44HD150P160AAA	150	1600	✓	
		K44HD200P080AAA	200	800	✓	
		K44HD200P160AAA	200	1600	✓	
PKH	E-2 93×26.5×30(mm)	K02HK030P080AAA	30	800	✓	
		K02HK060P080AAA	60	800	✓	
		K02HK100P080AAA	100	800	✓	
	E-3 93×26.7×30(mm)	K03HK030P160AAA	30	1600	✓	
		K03HK060P160AAA	60	1600	✓	
		K03HK100P160AAA	100	1600	✓	
PGH	E-68 97×44×22.5(mm)	PGH50N8	50	800	✓	
		PGH75N8	75	800	✓	
		PGH100N8	100	800	✓	
		PGH101N8	100	800	✓	
		PGH50N16	50	1600	✓	
		PGH75N16	75	1600	✓	
		PGH100N16	100	1600	✓	
	E-69 108×62×27(mm)	PGH150N8	150	800	✓	
		PGH200N8	200	800	✓	
		PGH150N16	150	1600	✓	
		PGH200N16	200	1600	✓	

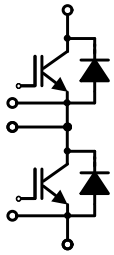
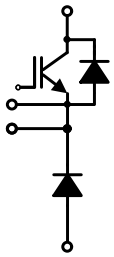
FRDモジュール　FRD Modules

Series	Outline	Part No.	VRRM [V]	Io [A]	UL	Circuit
P2H	E-38 38×30×17(mm)	P2H30F2	200	30		
		P2H60F2	200	60		
		P2H80F2	200	80		
		P2H30F4	400	30		
		P2H60F4	400	60		
		P2H80F4	400	80		
		P2H30F6	600	30		
		P2H60F6	600	60	✓	
		P2H50F12	1200	50	✓	
PC	E-79 93×20×30(mm)	PC100FYN6	600	100	✓	
		PC100FYN6C	600	100	✓	
		PC151FYN6	600	150	✓	
		PC151FYN6C	600	150	✓	
	E-80 94×34×30(mm)	PC150FYN6	600	150	✓	
		PC150FYN6C	600	150	✓	
		PC200FYN6	600	200	✓	
		PC200FYN6C	600	200	✓	
	E-75 94×48×30(mm)	K75FC300P060AAA	600	300		
PD	E-79 93×20×30(mm)	PD100FYN6	600	100	✓	
		PD151FYN6	600	150	✓	
	E-80 94×34×30(mm)	PD150FYN6	600	150	✓	
		PD200FYN6	600	200	✓	

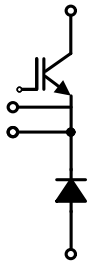
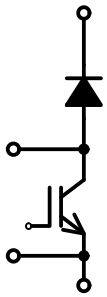
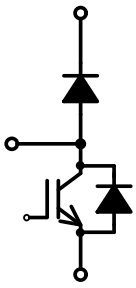
SBDモジュール　SBD Modules

Series	Outline	Part No.	VRRM [V]	Io [A]	UL	Circuit
P2H	E-38 38×30×17(mm)	P2H30QH10	100	30		
		P2H60QH10	100	60		
		P2H80QH10	100	80		
		P2H30QH20	200	30		
		P2H60QH20	200	60		
		P2H80QH20	200	80		

IGBTモジュール
IGBT Modules

Series	Outline	Part No.	Vces [V]	Ic [A]	UL	Circuit
PHMB	E-38 38×30×17(mm)	K38IH100P065TAA	650	100	✓	
		K38IH075P125TAA	1250	75	✓	
PDMB	E-74 94×35×30(mm)	PDMB50W6	650	50	✓	
		PDMB75W6	650	75	✓	
		PDMB100W6	650	100	✓	
		PDMB150W6	650	150	✓	
		PDMB200W6	650	200	✓	
	E-75 94×48×30(mm)	PDMB300W6	650	300	✓	
		PDMB400W6	650	400	✓	
	E-74 94×35×30(mm)	PDMB50W12	1200	50	✓	
		PDMB75W12	1200	75	✓	
		PDMB100W12	1200	100	✓	
	E-75 94×48×30(mm)	PDMB150W12	1200	150	✓	
		PDMB200W12	1200	200	✓	
	E-56 108×62×30(mm)	PDMB300W12	1200	300	✓	
		PDMB400W12	1200	400	✓	
PCFMB	E-74 94×35×30(mm)	PCFMB50W6	650	50	✓	
		PCFMB75W6	650	75	✓	
		PCFMB100W6	650	100	✓	
		PCFMB150W6	650	150	✓	
		PCFMB200W6	650	200	✓	
	E-75 94×48×30(mm)	PCFMB300W6	650	300	✓	
		PCFMB400W6	650	400	✓	
	E-74 94×35×30(mm)	PCFMB50W12	1200	50	✓	
		PCFMB75W12	1200	75	✓	
		PCFMB100W12	1200	100	✓	
	E-75 94×48×30(mm)	PCFMB150W12	1200	150	✓	
		PCFMB200W12	1200	200	✓	
	E-56 108×62×30(mm)	PCFMB300W12	1200	300	✓	
		PCFMB400W12	1200	400	✓	

IGBTモジュール
IGBT Modules

Series	Outline	Part No.	Vces [V]	Ic [A]	UL	Circuit
PCHMB	E-74 94×35×30(mm)	PCHMB50W6	650	50	✓	
		PCHMB75W6	650	75	✓	
		PCHMB100W6	650	100	✓	
		PCHMB150W6	650	150	✓	
		PCHMB200W6	650	200	✓	
	E-75 94×48×30(mm)	PCHMB300W6	650	300	✓	
		PCHMB400W6	650	400	✓	
	E-74 94×35×30(mm)	PCHMB50W12	1200	50	✓	
		PCHMB75W12	1200	75	✓	
		PCHMB100W12	1200	100	✓	
	E-75 94×48×30(mm)	PCHMB150W12	1200	150	✓	
		PCHMB200W12	1200	200	✓	
	E-56 108×62×30(mm)	PCHMB300W12	1200	300	✓	
		PCHMB400W12	1200	400	✓	
PRHMB	E-74 94×35×30(mm)	PRHMB50W6	650	50	✓	
		PRHMB75W6	650	75	✓	
		PRHMB100W6	650	100	✓	
		PRHMB150W6	650	150	✓	
		PRHMB200W6	650	200	✓	
	E-75 94×48×30(mm)	PRHMB300W6	650	300	✓	
		PRHMB400W6	650	400	✓	
	E-74 94×35×30(mm)	PRHMB50W12	1200	50	✓	
		PRHMB75W12	1200	75	✓	
		PRHMB100W12	1200	100	✓	
	E-75 94×48×30(mm)	PRHMB150W12	1200	150	✓	
		PRHMB200W12	1200	200	✓	
	E-56 108×62×30(mm)	PRHMB300W12	1200	300	✓	
		PRHMB400W12	1200	400	✓	
PRFMB	E-74 94×35×30(mm)	PRFMB50W6	650	50	✓	
		PRFMB75W6	650	75	✓	
		PRFMB100W6	650	100	✓	
		PRFMB150W6	650	150	✓	
		PRFMB200W6	650	200	✓	
	E-75 94×48×30(mm)	PRFMB300W6	650	300	✓	
		PRFMB400W6	650	400	✓	
	E-74 94×35×30(mm)	PRFMB50W12	1200	50	✓	
		PRFMB75W12	1200	75	✓	
		PRFMB100W12	1200	100	✓	
	E-75 94×48×30(mm)	PRFMB150W12	1200	150	✓	
		PRFMB200W12	1200	200	✓	
	E-56 108×62×30(mm)	PRFMB300W12	1200	300	✓	
		PRFMB400W12	1200	400	✓	

京セラでは、産業のあらゆる分野で活躍するパワースタック・ユニット製品を提供しています。単相、三相用各種制御整流器回路、自冷型、風冷型、ヒューズ、アブソーバー付など様々なご要望にお応えいたします。
Kyocera provides power stack unit products that are actively used in all fields of industry. Various product types such as various control and rectifier circuits for single-phase or three-phase, self-cooling or forced air cooling type, and with fuse or absorber are provided to meet your requirements.

長年の実績により、高圧・大電流の扱いに必要となる回路設計、放熱設計、機構設計技術を有していますので、お客様のご要望に合わせたカスタム製品の設計製作も可能です。
ご要望の際は弊社営業担当までお問い合わせ下さい。
As we have technologies to design circuits, heat radiations, and mechanisms required for handling high voltage and high current, based on achievements in our long experience, we can design and manufacture custom products to meet your needs.If you have requests or any questions, please feel free to contact our sales representative.

事例 Examples　カスタム開発　Customized model

生産ライン用 高圧大電流インバータユニットの開発
Development of High voltage/ large current inverter unit for production line

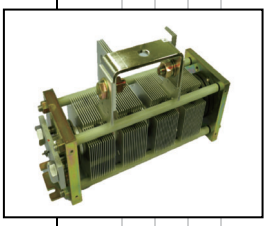
お客様のニーズ
Customer needs

生産ラインに用いるため堅牢かつ充実した保護回路を備えたインバータを設計・製造してほしい
Example of request: want to design and manufacture inverter which carries great protection circuits and also very tough inverter for production line.

高圧・大電流実装技術を活かして堅牢なインバータユニットを実現
Enable to manufacture tough inverter unit by using high voltage/ large current mounting technology.

アプリケーション Application	生産ライン用途モータ駆動 Motor drive for production line
特徴 Features	充実した保護回路を備えたIGBTインバータ、大容量IGBTモジュール搭載 Example of request: want to design and manufacture inverter which carries great protection circuits and also very tough inverter for production line.
仕様 Specifications	入力電圧:～DC650V　出力電圧:440V、出力電流:AC200Arms 過電圧/過電流/短絡保護/過熱保護回路搭載、光絶縁インタフェース Input voltage: ~DC 650V Output voltage: 440V, Output current: AC200Arms Overvoltage/ Overcurrent/ Short-circuit protection/ Buit-in overheat protection circuit, light insulation interface

分類 Classification	回路構成 Circuit	出力電流(A) Output current
汎用整流スタック General rectifier stack	単相全波整流 Single phase half-wave rectifier stack	10 50 100 500 1,000 5,000 10,000 50,000 100,000
	三相半波整流 Three phase half-wave rectifier	
	三相全波整流 Three phase full-wave rectifier stack	
用途別スタック Stack products by applications	逆流防止スタック Backflow prevention stack	
	シリコンドロッパースタック Silicon dropper (SID) stack	
	太陽光発電接続箱用 逆流防止スタック Backflow prevention stack for photovoltaic power generation junction box	
	単相交流電力調整用スタック Single phase AC control stack	
	三相交流電力調整用スタック Three phase AC control stack	
	三相UPS用ACスイッチスタック AC switching stack for three phase UPS	
	三相サイリスタダブルコンバータスタック Three phase double converter stack	
	高電圧スタック High voltage rectifier stack	
	抵抗溶接機1次側 サイリスタスイッチ Thyristor switch for primary resistance welding	
	抵抗溶接機2次側 整流スタック Water cooling diode stack for secondary resistance welding	



10 50 100 500 1,000 5,000 10,000 50,000 100,000

出力電流(A) Output current

当社では、お客様のご要望に応じたカスタム製品を設計製作、納入しております。ご要望の際は、弊社営業担当までお問合せ下さい。
We provides Power stack/unit products that matches customers request. Please feel free to contact us.

京セラ株式会社
KYOCERA Corporation

当カタログに記載の情報は 2024年 3 月時点のものです。
The information contained in this catalog is current as of March 2024.

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