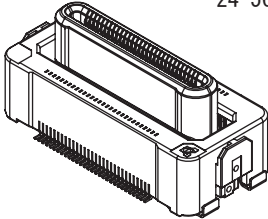
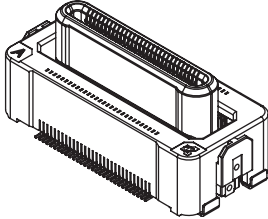


REFERENCE SHEET BY PIN-COUNT

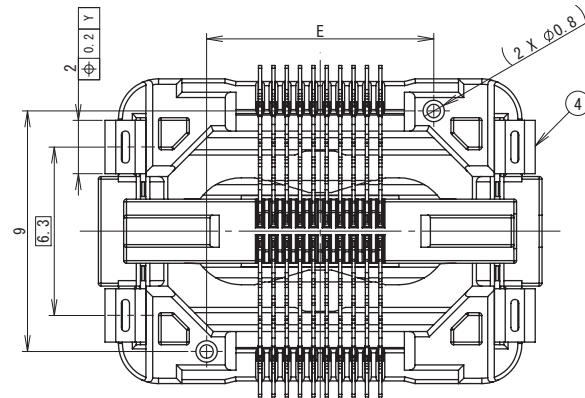
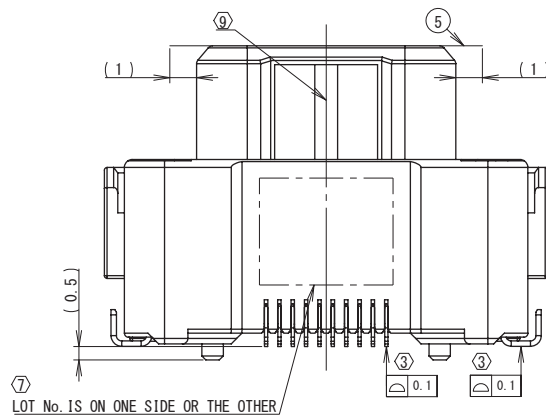
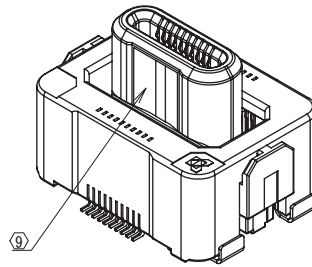
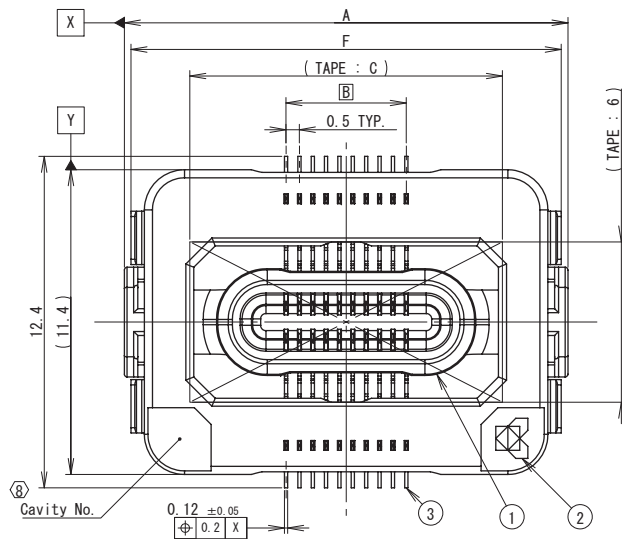
NO.	DESCRIPTION	PART NO.	QTY	MATERIAL	DRW NO.	REMARKS
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PIN-COUNT	REFERENCE SHEET	SHAPE
20~100PINS (EXCEPT 60PINS)	SHEET 2, 3	 24 5652 XXX 00X 829 + T 4 : WITHOUT BOSS(WITH VACUUM TAPE)、DIES. B 5 : WITH BOSS(WITH VACUUM TAPE)、DIES. B
60PINS ONLY	SHEET 4, 5	 24 5652 XXX 00X 829 + T 0 : WITHOUT BOSS(WITH VACUUM TAPE)、DIES. A 1 : WITH BOSS(WITH VACUUM TAPE)、DIES. A

TOLERANCE / 一般公差(F) $\begin{matrix} X < 10 & \pm 0.2 \\ 10 \leq X < 30 & \pm 0.25 \\ 30 \leq X & \pm 0.3 \end{matrix}$ ANGLE / 角度 $\pm 3^\circ$		MATERIAL / 材質 UNIT mm		ANGLE 3RD	D	DCN25078	2025/02/27	Y. OKABE		S. MORITA
		SCALE 5 : 1		DATE 2019/08/08	C	DCN21248	2021/03/25	S. HIBINO	G. YAMAZAKI	S. MORITA
DRAWN S. MORITA		DESIGNED S. MORITA		CHECKED	O	EDN19196	2019/08/08	S. MORITA		M. YOSHIDA
				APPROVED M. YOSHIDA	PART NAME / 品名 SERIES 5652 REC ST SMT 0.5mm PITCH FLOATING BOARD TO BOARD					
					PART NO. / 型番 24 5652 XXX 00X 829 + T					
					DWG NO. / 図番 BJS 5652001					
					SHEET 1/5					
					REV D					

RoHS規制対応
COMPLIANT WITH
RoHS REGULATIONS

KYOCERA



RoHS規制対応
COMPLIANT WITH
RoHS REGULATIONS

NO.	DESCRIPTION	PART NO.	QTY	MATERIAL	DRW NO.	REMARKS
1	INSULATOR		1	Heat Resit Resin		COLOR:BLACK UL94V-0
2	GUIDE PLATE		1	Heat Resit Resin		COLOR:BLACK UL94V-0
3	CONTACT		N	Copper Alloy		t0.12 Au PLATING
4	ANCHOR PLATE		2	Copper Alloy		t0.2 Sn-Cu PLATING
5	VACUUM TAPE		1	HEAT RESIST		

注記 NOTE

- フローティング可動量 (可動側 : REC)
FLOATING RANGE (MOVABLE SIDE : REC)
ピッチ方向 : $\pm 0.85\text{mm}$ / PITCH DIRECTION
スパン方向 : $\pm 0.85\text{mm}$ / SPAN DIRECTION
対角方向 : $\pm 0.85\text{mm}$ / DIAGONAL
- 高さ許容量 : $\pm 0.75\text{mm}$ / HEIGHT RANGE
- ③. コンタクトテール、金具輪郭度 0.1mm MAX.
CONTACT TAIL, ANCHOR PLATE COPLANARITY 0.1mm MAX.
- 使用時は、コネクタのみで基板を保持せずスペーサなど設置下さい。
IN ADDITION TO THE CONNECTOR, INSERT A SPACER OR SUCH BETWEEN THE MATED BOARD.
- フローティングを最大ストロークさせた後に再利用する場合は、事前に確認の上ご使用ください。
USE THE CONNECTOR ON THE CONFIRMATION WHEN REUSING AFTER HAVING LET IT STROKE FLOATING TO THE MAXIMUM.

6. 片側だけで抜去 (嵌合) しないで下さい。
可能な限り両サイド均等に抜去して下さい。
PLEASE DO NOT UNMATE (MATE) WITH ONLY ONE SIDE.
PLEASE UNMATE AS EVENLY AS POSSIBLE ON BOTH SIDES.



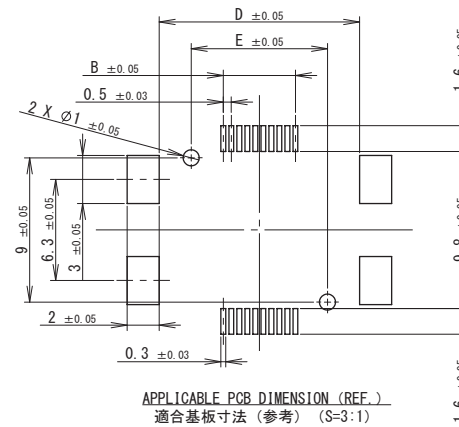
- ⑦. 図示の位置にLOT NO. を刻印する (5桁)。
LOT NO. SHALL BE MARKED AT THE SPECIFIED POSITION. (5 DIGIT)

9 2 18 X (2019/02/18)
工場コード (Factory Code)
製造日 (Day) 1、2、～29、30、31.
製造月 (Month) 1、2、～9、X、Y、Z.
製造年 (Year) 2000～2009:A、B、～K (NOT USE "I")
2010～2019:0、1、～9
(20 YEAR CYCLE)

- ⑧. 図示の位置にCAVITY NO. を刻印する (A～D)。
CAVITY NO. SHALL BE MARKED AT THE SPECIFIED POSITION (A～D) .

- ⑨. 該当の肉抜き形状は LARGE-PIN-COUNT TYPE に適用。

※この注記は2ページ目のみ適用。
※THIS NOTES IS APPLICABLE TO SHEET-2 ONLY.



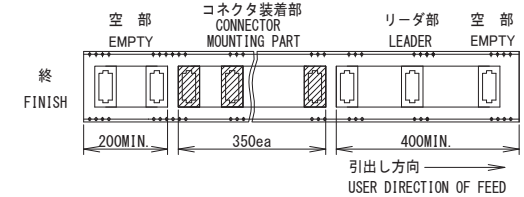
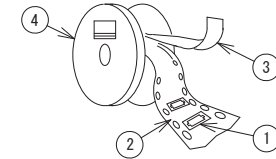
Pin Num.	A	B	C	D	E	F
20	16.6	4.5	11.7	12.5	8.5	16.1
30	19.1	7	14.2	15	11	18.6
40	21.6	9.5	16.7	17.5	13.5	21.1
50	24.1	12	19.2	20	16	23.6
60	REFER TO SHEET 4/5, 5/5					
70	29.1	17	24.2	25	21	28.6
80	31.6	19.5	26.7	27.5	23.5	31.1
90	34.1	22	29.2	30	26	33.6
100	36.6	24.5	31.7	32.5	28.5	36.1

TOLERANCE / 一般公差 (F)		MATERIAL / 材質								
10 ≤ X < 10 30 ≤ X < 30 30 ≤ X	±0.2 ±0.25 ±0.3	UNIT		ANGLE		REFER TO SHEET 1/5				
		mm		3RD						
		SCALE 5 : 1		DATE 2019/08/08						
ANGLE / 角度 ±3°				PART NAME / 品名 SERIES 5652 REC ST SMT 0.5mm PITCH FLOATING BOARD TO BOARD						
DRAWN S. MORITA	DESIGNED S. MORITA	CHECKED	APPROVED M. YOSHIDA	PART NO. / 番番 24 5652 XXX 00X 829 + T						
				DWG. NO. / 図番 BJS 5652001					SHEET 2/5	REV D

RoHS規制対応

COMPLIANT WITH
RoHS REGULATIONS

NO.	DESCRIPTION	PART NO.	QTY	MATERIAL	DRW NO.	REMARKS
1	CONNECTOR	24 5652 XXX 00X 829+ T	350			10 5652 XXX 00X 829+ T
2	EMBOSS TAPE		1	POLYSTYRENE		
3	TOP COVER TAPE		1	PET		
4	REEL		1	POLYSTYRENE		

注 記
NOTE1. 梱包数量：350個/リール
PACKING QUANTITY：350ea/reel2. 納入時のリール巻き方向
REELING DIRECTION IN DELIVERY3. 引出し方向
USER DIRECTION OF FEED4. 型番
P/N

極 数

NO. OF POS.

010~180：10~180 PINS
(10PINS STEP)バリエーション
VARIATION

高さ

HEIGHT

00：H=0

ボス

BOSS

4：無 WITHOUT BOSS (WITH VACUUM TAPE)、DIES. B (20~100PINS、EXCEPT 60PINS)
5：有 WITH BOSS (WITH VACUUM TAPE)、DIES. B (20~100PINS、EXCEPT 60PINS)

めっきコード

PLATING CODE

829+：Ni UNDER COAT 1.5~5μm
CONTACT AREA：Au 0.1μm MIN.
TAIL AREA：Au 0.03μm MIN.※この注記の1~3は3ページ目のにみ適用
※THIS NOTES 1 TO 3 ARE APPLICABLE TO SHEET-3 ONLY.

Pin Num.	F	G	H
20	32	14.2	38.4
30	44	20.2	50.4
40	44	20.2	50.4
50	44	20.2	50.4
60	REFER TO SHEET 4/5, 5/5		
70	44	20.2	50.4
80	56	26.2	62.4
90	56	26.2	62.4
100	56	26.2	62.4

REEL DIMENSION

SEC. M-M

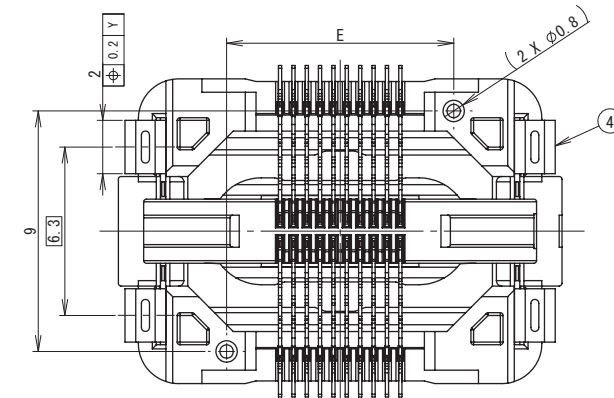
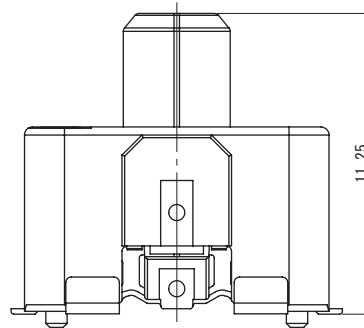
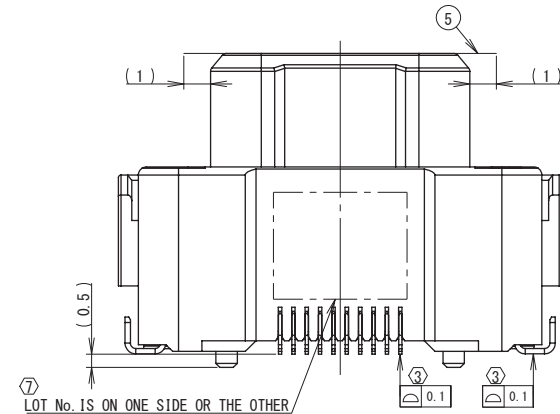
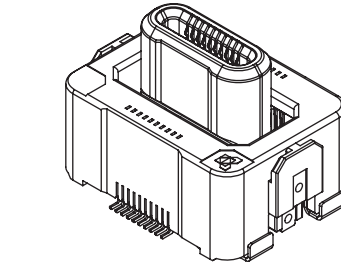
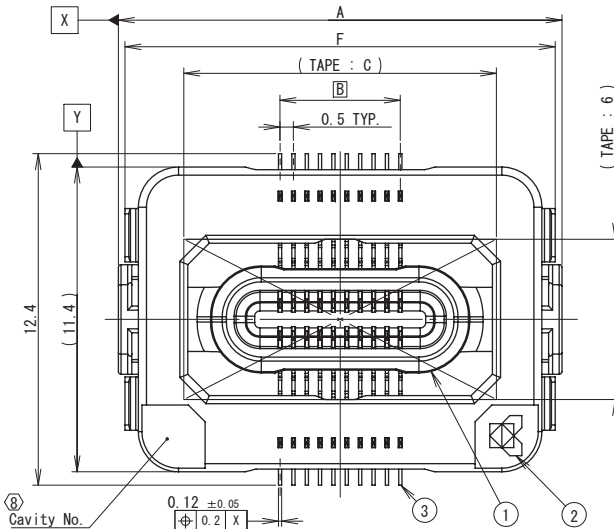
SEC. N-N

KYOCERA

TOLERANCE / 一般公差 (F)		MATERIAL / 材質									
10 ≤ X < 30 30 ≤ X	X < 10 ±0.2	UNIT mm	ANGLE 3RD	REFER TO SHEET 1/5							
	±0.25			NO.	EDN/DCN	DATE	ISSUE	CHECKED	APPROVED		
	±0.3										
ANGLE / 角度 ±3°		SCALE NTS	DATE 2019/08/08	PART NAME / 品名 SERIES 5652 REC ST SMT 0.5mm PITCH FLOATING BOARD TO BOARD							
DRAWN S. MORITA	DESIGNED S. MORITA	CHECKED	APPROVED M. YOSHIDA	PART NO. / 型番 24 5652 XXX 00X 829 + T							
				DWG NO. / 図番 BJS 5652001				SHEET 3/5		REV D	

60PINS ONLY

RoHS規制対応
COMPLIANT WITH
RoHS REGULATIONS



NO.	DESCRIPTION	PART NO.	QTY	MATERIAL	DRW NO.	REMARKS
1	INSULATOR		1	Heat Resit Resin		COLOR:BLACK UL94V-0
2	GUIDE PLATE		1	Heat Resit Resin		COLOR:BLACK UL94V-0
3	CONTACT		60	Copper Alloy		t0.12 Au PLATING
4	ANCHOR PLATE		2	Copper Alloy		t0.2 Sn-Cu PLATING
5	VACUUM TAPE		1	HEAT RESIST		

注記 NOTE

- フローティング可動量 (可動側: REC)
FLOATING RANGE (MOVABLE SIDE: REC)
ピッチ方向: ±0.85mm / PITCH DIRECTION
スパン方向: ±0.85mm / SPAN DIRECTION
対角方向: ±0.85mm / DIAGONAL
- 高さ許容量: ±0.75mm / HEIGHT RANGE
- ③. コンタクトテール、金具輪郭度0.1mm MAX.
CONTACT TAIL, ANCHOR PLATE COPLANARITY 0.1mm MAX.
- 使用時は、コネクタのみで基板を保持せずスペーサなど設置下さい。
IN ADDITION TO THE CONNECTOR, INSERT A SPACER OR SUCH BETWEEN THE MATED BOARD.
- フローティングを最大ストロークさせた後に再利用する場合は、事前に確認の上ご使用ください。
USE THE CONNECTOR ON THE CONFIRMATION WHEN REUSING AFTER HAVING LET IT STROKE FLOATING TO THE MAXIMUM.

6. 片側だけで抜去 (嵌合) しないで下さい。
可能な限り両サイド均等に抜去して下さい。
PLEASE DO NOT UNMATE (MATE) WITH ONLY ONE SIDE.
PLEASE UNMATE AS EVENLY AS POSSIBLE ON BOTH SIDES.

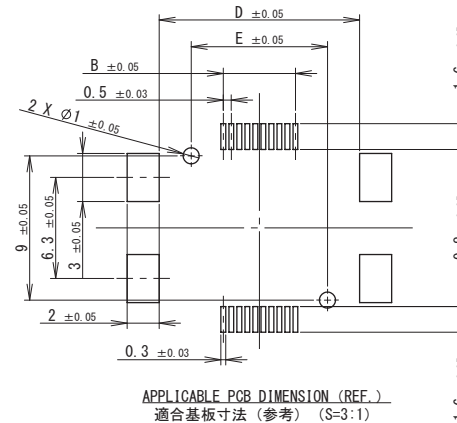


- ⑦. 図示の位置にLOT NO. を刻印する (5桁)。
LOT NO. SHALL BE MARKED AT THE SPECIFIED POSITION. (5 DIGIT)

9 2 18 X (2019/02/18)
工場コード (Factory Code)
製造日 (Day) 1, 2, ~29, 30, 31,
製造月 (Month) 1, 2, ~9, X, Y, Z,
製造年 (Year) 2000~2009: A, B, ~K (NOT USE "I")
2010~2019: 0, 1, ~9
(20 YEAR CYCLE)

- ⑧. 図示の位置にCAVITY NO. を刻印する (A~D)。
CAVITY NO. SHALL BE MARKED AT THE SPECIFIED POSITION (A~D).

※この注記は4ページ目のみ適用。
※THIS NOTES IS APPLICABLE TO SHEET-4 ONLY.



APPLICABLE PCB DIMENSION (REF.)
適合基板寸法 (参考) (S=3:1)

Pin Num.	A	B	C	D	E	F
60	26.6	14.5	21.7	22.5	18.5	26.1

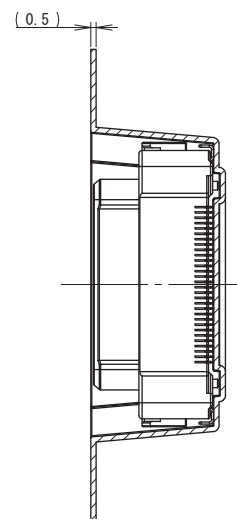
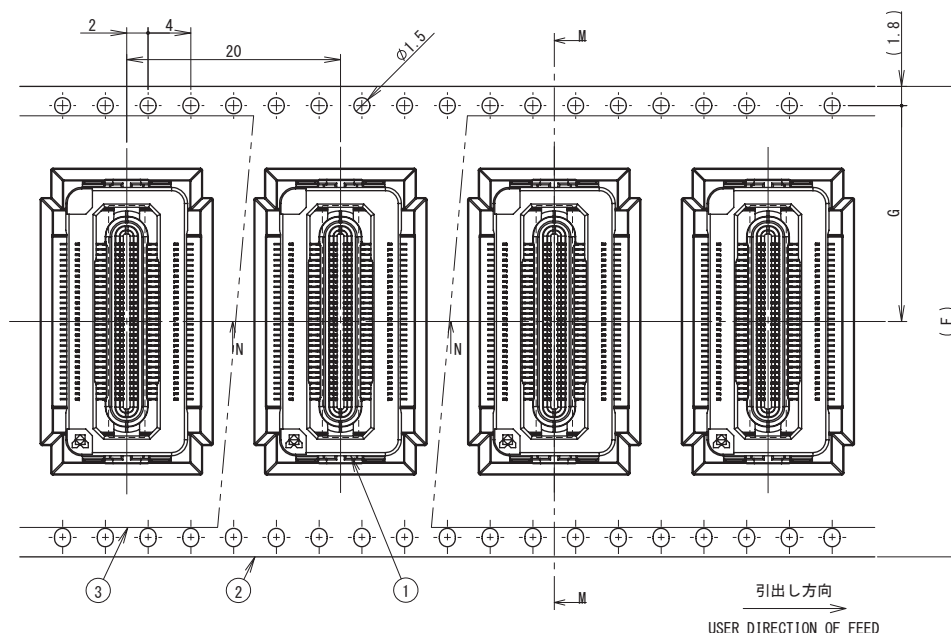
TOLERANCE / 一般公差 (F)		MATERIAL / 材質													
10 ≦ X < 10 ±0.2															
10 ≦ X < 30 ±0.25															
30 ≦ X ±0.3															
ANGLE / 角度 ±3°															
DRAWN		DESIGNED		CHECKED		APPROVED		PART NO. / 部番		SHEET		REV			
S. MORITA		S. MORITA				M. YOSHIDA		24 5652 060 00X 829 + T		4/5		D			
								DWG. NO. / 図番							
								BJS 5652001							

60PINS ONLY

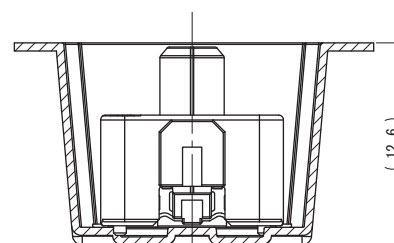
RoHS規制対応

COMPLIANT WITH
RoHS REGULATIONS

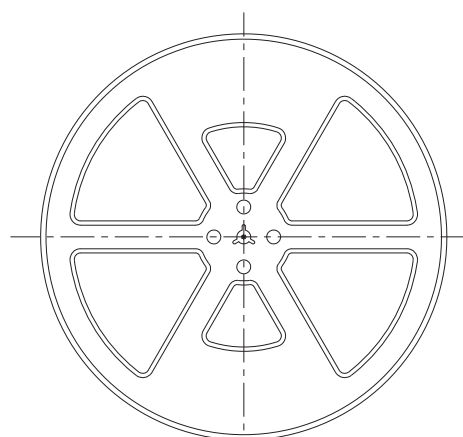
NO.	DESCRIPTION	PART NO.	QTY	MATERIAL	DRW NO.	REMARKS
1	CONNECTOR	24 5652 060 00X 829+ T	350			10 5652 060 00X 829+ T
2	EMBOSS TAPE		1	POLYSTYRENE		
3	TOP COVER TAPE		1	PET		
4	REEL		1	POLYSTYRENE		



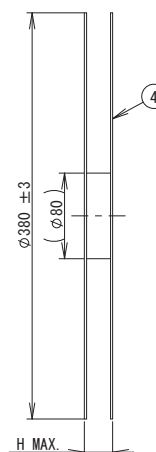
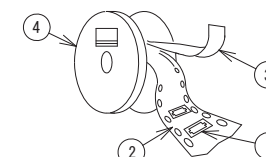
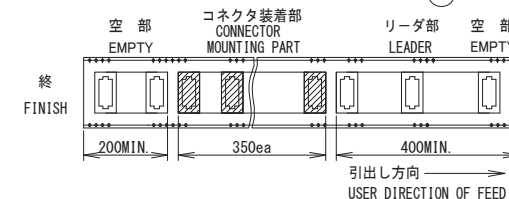
SEC. M-M



SEC. N-N



REEL DIMENSION

注 記
NOTE1. 梱包数量 : 350個/リール
PACKING QUANTITY : 350ea/reel2. 納入時のリール巻き方向
REELING DIRECTION IN DELIVERY3. 引出し方向
USER DIRECTION OF FEED4. 型 番
P/N

24 5652 060 00X 829 + T

極 数
NO OF POS.
060 : 60 PINSバリエーション
VARIATION高さ
HEIGHT
00 : H=0ボス
BOSS0 : 無 WITHOUT BOSS (WITH VACUUM TAPE)、DIES. A (60PINS ONLY)
1 : 有 WITH BOSS (WITH VACUUM TAPE)、DIES. A (60PINS ONLY)めっきコード
PLATING CODE829+ : Ni UNDER COAT 1.5~5μm
CONTACT AREA : Au 0.1μm MIN.
TAIL AREA : Au 0.03μm MIN.※この注記の1~3は5ページ目にのみ適用
※THIS NOTES 1 TO 3 ARE APPLICABLE TO SHEET-5 ONLY.

Pin Num.	F	G	H
60	44	20.2	50.4

TOLERANCE / 一般公差 (F)		MATERIAL / 材質											
$\begin{matrix} X < 10 & \pm 0.2 \\ 10 \leq X < 30 & \pm 0.25 \\ 30 \leq X & \pm 0.3 \end{matrix}$	UNIT		ANGLE		REFER TO		SHEET 1/5						
	mm		3RD										
	SCALE		DATE		NO.		EDN/DCN		DATE				
	ANGLE / 角度		NTS		2019/08/08		ISSUE		CHECKED		APPROVED		
$\pm 3^\circ$						PART NAME / 品名		SERIES 5652 REC ST SMT		0.5mm PITCH FLOATING BOARD TO BOARD			
DRAWN	DESIGNED	CHECKED	APPROVED		PART NO. / 型番		24 5652 060 00X 829 + T						
S. MORITA	S. MORITA		M. YOSHIDA										
KYOCERA						DWG NO. / 図番						SHEET	REV
						BJS 5652001						5/5	D