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List of "SFW_R-3/4STAE1LF" customer document

DOCUMENT NO.	LIST
SC-SFW16	SPEC.
JSA96274	CAT.NO.TABLE FOR 1mm CONTACT SPACING SMT CONNECTOR (SFW_R-3/4STAE1LF)
JSA96275	1mm SPACING SMT CONNECTOR (SFW_R-3STAE1LF)
JSA96276	1mm SPACING SMT CONNECTOR (SFW_R-4STAE1LF)
JSA96277	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW_R-3/4STAE1LF)
JSA96278	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW_R-3STAE1LF)
JSA96279	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW_R-4STAE1LF)
JSA96280	RECOMMENDED CABLE (FPC) (SFW_R-3/4STAE1LF)
GS-20-130	HANDLING PROCEDURES

mat'l. code				surface	58	tolerance	ISO 406	projection	product family	58RF	CODE
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm	title		
A	J05-0024	H.T	1/20/05	angles					1mm SPACING FPC CONNECTOR DOCUMENT LIST		
B	J06-0398	H.T	9/26/06	linear					(Cat. No. : SFW_R-3/4STAE1LF)		
C	J09-0363	M.Y	2009-10-8								
D	J09-0380	M.Y	2009-10-27	dr	M.YAMAGITA	2009-10-27			dwg no	sheet 1 of 1	size
				engr	M.YAMAGITA	2009-10-27			JSA 96334		A4
				chr	S. Watanabe	2009-10-27					
				appd	S. Okudaira	2009-10-27					
sheet index	revision	D									Rev. D
	sheet	1									

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE2)			
		A ± 0.2	B ± 0.2	C ± 0.2	D ± 0.1
4	SFW4R-3/4STA_LF	9.8	8.6	3.0	3.92
5	SFW5R-3/4STA_LF	10.8	9.6	4.0	4.92
6	SFW6R-3/4STA_LF	11.8	10.6	5.0	5.92
7	SFW7R-3/4STA_LF	12.8	11.6	6.0	6.92
8	SFW8R-3/4STA_LF	13.8	12.6	7.0	7.92
9	SFW9R-3/4STA_LF	14.8	13.6	8.0	8.92
10	SFW10R-3/4STA_LF	15.8	14.6	9.0	9.92
11	SFW11R-3/4STA_LF	16.8	15.6	10.0	10.92
12	SFW12R-3/4STA_LF	17.8	16.6	11.0	11.92
13	SFW13R-3/4STA_LF	18.8	17.6	12.0	12.92
14	SFW14R-3/4STA_LF	19.8	18.6	13.0	13.92
15	SFW15R-3/4STA_LF	20.8	19.6	14.0	14.92
16	SFW16R-3/4STA_LF	21.8	20.6	15.0	15.92
17	SFW17R-3/4STA_LF	22.8	21.6	16.0	16.92
18	SFW18R-3/4STA_LF	23.8	22.6	17.0	17.92
19	SFW19R-3/4STA_LF	24.8	23.6	18.0	18.92
20	SFW20R-3/4STA_LF	25.8	24.6	19.0	19.92
21	SFW21R-3/4STA_LF	26.8	25.6	20.0	20.92
22	SFW22R-3/4STA_LF	27.8	26.6	21.0	21.92
23	SFW23R-3/4STA_LF	28.8	27.6	22.0	22.92
24	SFW24R-3/4STA_LF	29.8	28.6	23.0	23.92
25	SFW25R-3/4STA_LF	30.8	29.6	24.0	24.92
26	SFW26R-3/4STA_LF	31.8	30.6	25.0	25.92
27	SFW27R-3/4STA_LF	32.8	31.6	26.0	26.92
28	SFW28R-3/4STA_LF	33.8	32.6	27.0	27.92
29	SFW29R-3/4STA_LF	34.8	33.6	28.0	28.92
30	SFW30R-3/4STA_LF	35.8	34.6	29.0	29.92

CAT. NO.

SFW (n) R - 3 ST A __ LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC,
WITH CABLE LOCK MECHANISM

CONTACT DIRECTION

3. LOWER CONTACT TYPE
4. UPPER CONTACT TYPEFOR AUTOMATIC MOUNTING
(SMT)

GOLD PLATING

PACKAGE STYLE

LEAD FREE

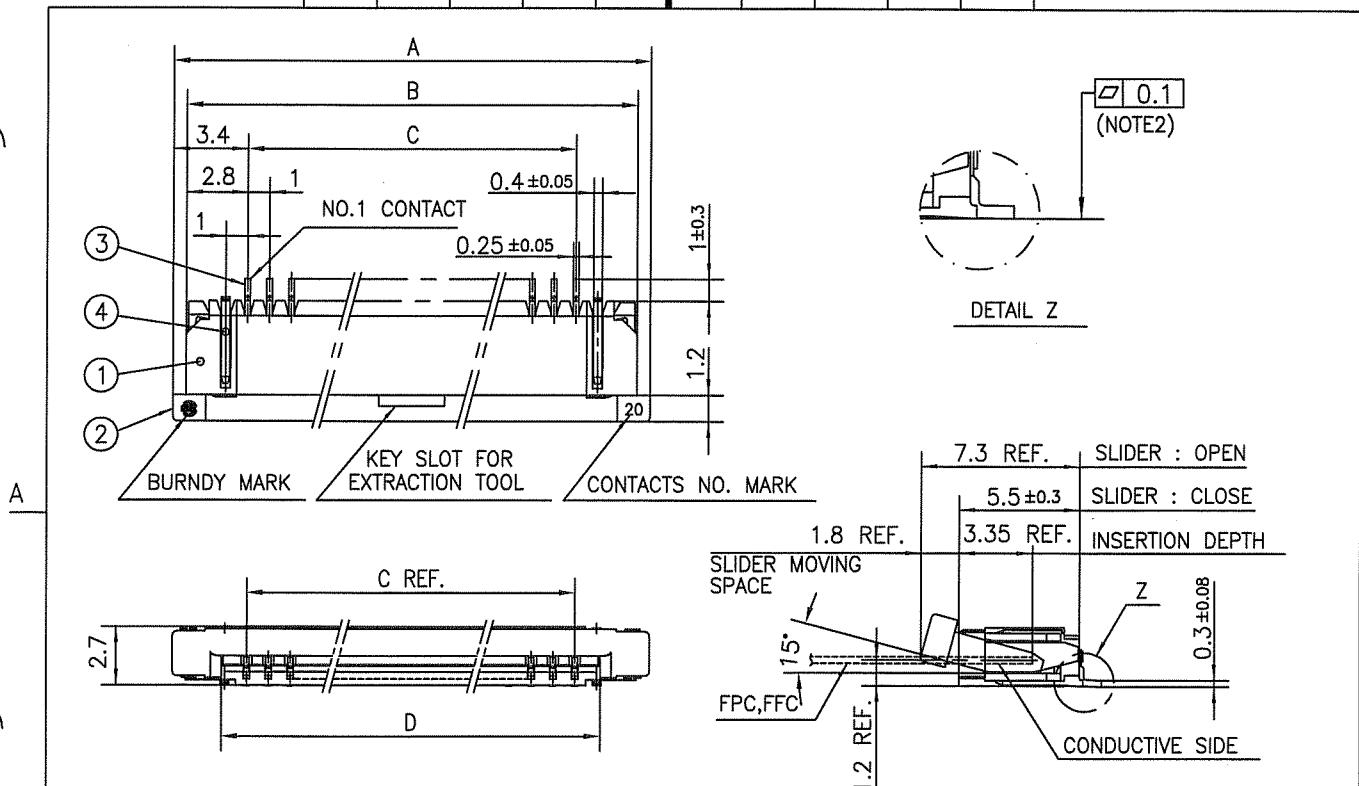
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NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPIES WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~D.
3. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

mat'l. code			surface 58	tolerance ISO 406	projection	product family 58RF	CODE JP
			ISO 1302 ✓	ISO 1101			
ltr	ecn no	dr	date	tolerances unless otherwise specified			
A	J05-0024	H.T	1/20/05	angles	linear	mm	
B	J06-0398	H.T	9/26/06				
C	J09-0363	M.Y	2009-10-8			scale X	
				dr	N.YAMASHITA 2009-10-8		
				engr	M.YAMASHITA 2009-10-8		
				chr	S.M. 2009-10-8		
				appd	S. 2009-10-8		
sheet			revision C				
index			sheet 1				

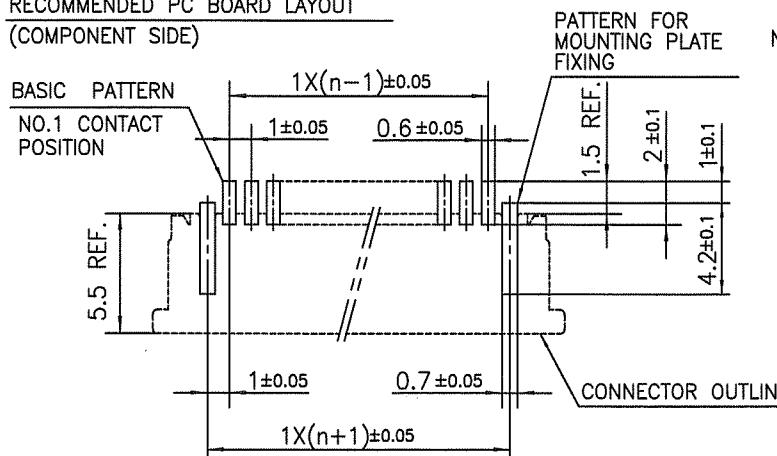
 dwg no sheet 1 of 1 size
 JSA 96274 A4
 type Product Customer Drawing
 Rev. C



PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS	1	COLOR:BLACK
2	SLIDER	REINFORCED (UL94V-0)	1	COLOR:BROWN
3	CONTACT	PHOSPHOR BRONZE	n	CONTACT AREA : GOLD TARMINAL AREA : TIN
4	MOUNTING PLATE		2	PLATING:TIN

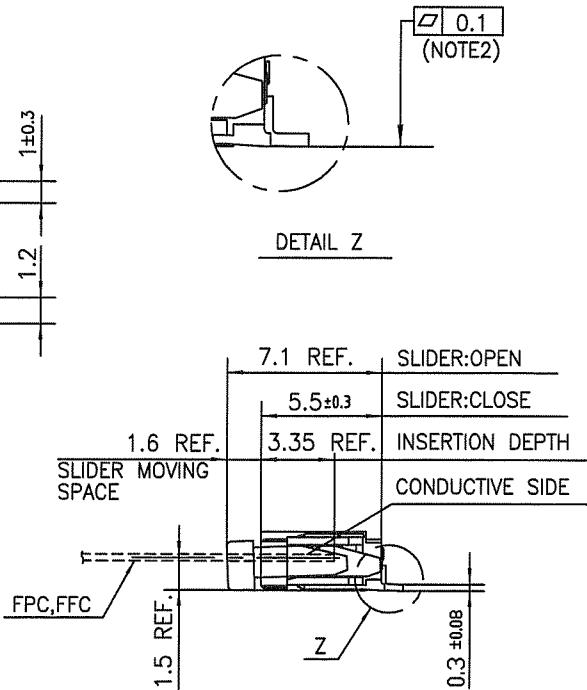
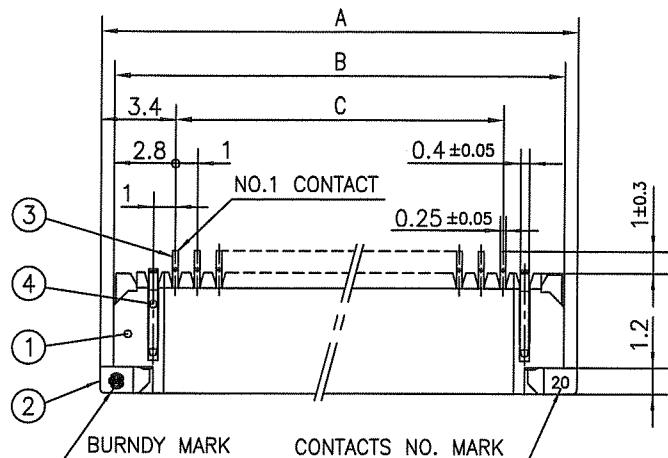
n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

**NOTES**

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPIES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS FOR CONTACT TERMINAL HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR WITH CABLE LOCK MECHANISM.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

mat'l. code			surface 58 ISO 1302		tolerance ISO 406 ISO 1101		projection	product family	58RF	CODE JP		
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm	title			
A	J05-0024	H.T	1/20/05						1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3STA__LF)			
B	J05-0736	H.T	10/28/05									
C	J06-0398	H.T	9/26/06					scale X				
D	J09-0363	M.Y	2009-10-8	dr	HYAMASHITA		2009-10-8		dwg no			
				engr	HYAMASHITA		2009-10-8		sheet 1 of 1			
				chr	S. Andau		2009-10-8		size			
				appd	S. Andau		2009-10-8		A4			
sheet index	revision sheet	D								Rev. D		
		1										

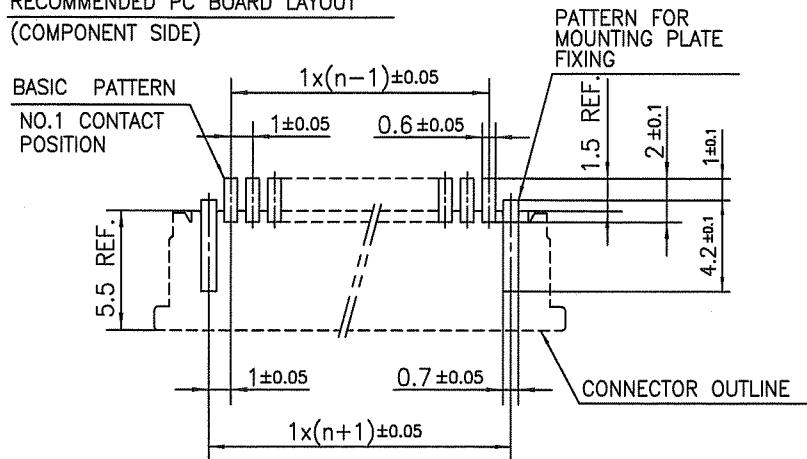


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BLACK
2	SLIDER	PHOSPHOR BRONZE	1	COLOR:BROWN
3	CONTACT		n	CONTACT AREA : GOLD TARMINAL AREA : TIN
4	MOUNTING PLATE		2	PLATING:TIN

n : NO. OF CONTACTS

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPIES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS FOR CONTACT TERMINAL HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS UPPER CONTACT TYPE CONNECTOR WITH CABLE LOCK MECHANISM.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

mat'l. code			surface 58		tolerance ISO 406		projection	product family 58RF	CODE JP
ltr	ecn no	dr	date		tolerances unless otherwise specified		mm	title	1mm SPACING SMT CONNECTOR (Cat. No. SFW_R-4STA_LF)
A	J05-0024	H.T	1/20/05		angles	Linear	±0.2		
B	J05-0736	H.T	10/28/05						
C	J06-0398	H.T	9/26/06					scale X	
D	J09-0363	M.Y	2009-10-8		dr	M.YAMASHITA	2009-10-8	dwg no JSA 96276	sheet 1 of 1 size A4
					engr	M.YAMASHITA	2009-10-8		
					chr	S. Anderson	2009-10-8		
					appd	S. Anderson	2009-10-8		
sheet		revision	D						
index		sheet	1						Rev. D

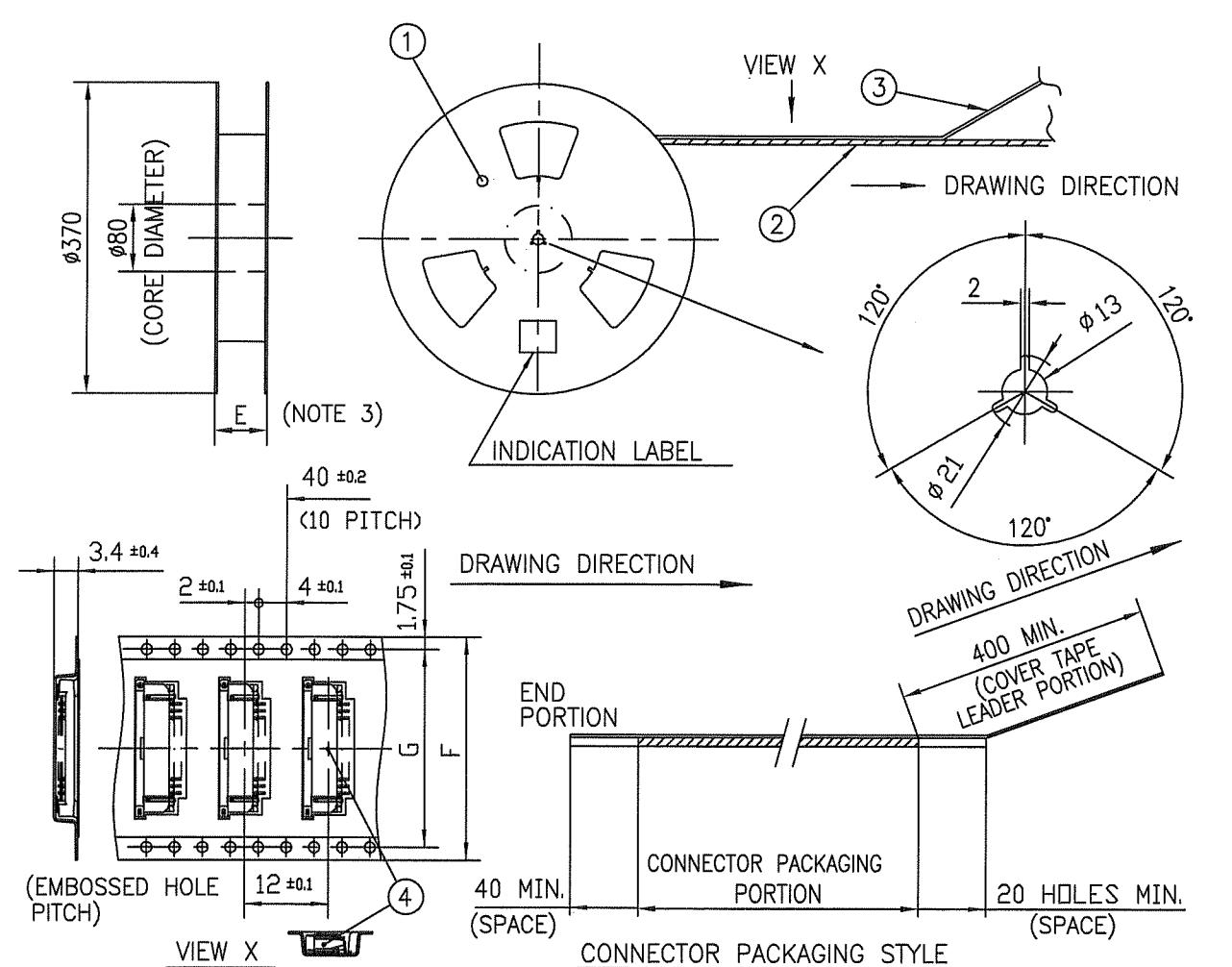
CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
		E ± 5	F ± 0.3	G ± 0.1
4	SFW4R-3/4STAE1LF	20.4	16	—
5	SFW5R-3/4STAE1LF	28.4	24	—
6	SFW6R-3/4STAE1LF	28.4	24	—
7	SFW7R-3/4STAE1LF	28.4	24	—
8	SFW8R-3/4STAE1LF	28.4	24	—
9	SFW9R-3/4STAE1LF	28.4	24	—
10	SFW10R-3/4STAE1LF	28.4	24	—
11	SFW11R-3/4STAE1LF	28.4	24	—
12	SFW12R-3/4STAE1LF	28.4	24	—
13	SFW13R-3/4STAE1LF	36.4	32	28.4
14	SFW14R-3/4STAE1LF	36.4	32	28.4
15	SFW15R-3/4STAE1LF	36.4	32	28.4
16	SFW16R-3/4STAE1LF	36.4	32	28.4
17	SFW17R-3/4STAE1LF	48.4	44	40.4
18	SFW18R-3/4STAE1LF	48.4	44	40.4
19	SFW19R-3/4STAE1LF	48.4	44	40.4
20	SFW20R-3/4STAE1LF	48.4	44	40.4
21	SFW21R-3/4STAE1LF	48.4	44	40.4
22	SFW22R-3/4STAE1LF	48.4	44	40.4
23	SFW23R-3/4STAE1LF	48.4	44	40.4
24	SFW24R-3/4STAE1LF	48.4	44	40.4
25	SFW25R-3/4STAE1LF	48.4	44	40.4
26	SFW26R-3/4STAE1LF	48.4	44	40.4
27	SFW27R-3/4STAE1LF	48.4	44	40.4
28	SFW28R-3/4STAE1LF	60.4	56	52.4
29	SFW29R-3/4STAE1LF	60.4	56	52.4
30	SFW30R-3/4STAE1LF	60.4	56	52.4

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPIES WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS E~G.
4. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

mat'l. code			surface 58 ISO 1302		tolerance ISO 406 ISO 1101		projection	product family 58RF		CODE JP
ltr	ecn no	dr	date		tolerances unless otherwise specified			title CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW____R-3/4STAE1LF)		
A	J05-0024	H.T	1/20/05		angles	Linear	mm			
B	J06-0398	H.T	9/26/06				scale X	dwg no sheet 1 of 1 size JSA 96277 A4		
C	J09-0363	M.Y	2009-10-8							
			dr	M.YAHASHI TA		2009-10-8	FCI	type Product Customer Drawing		
			engr	M.YAHASHI TA		2009-10-8				
			chr	S. Weller		2009-10-8				
			appd	S. Chudam		2009-10-8				
sheet	revision	C								Rev. C
index	sheet	1								

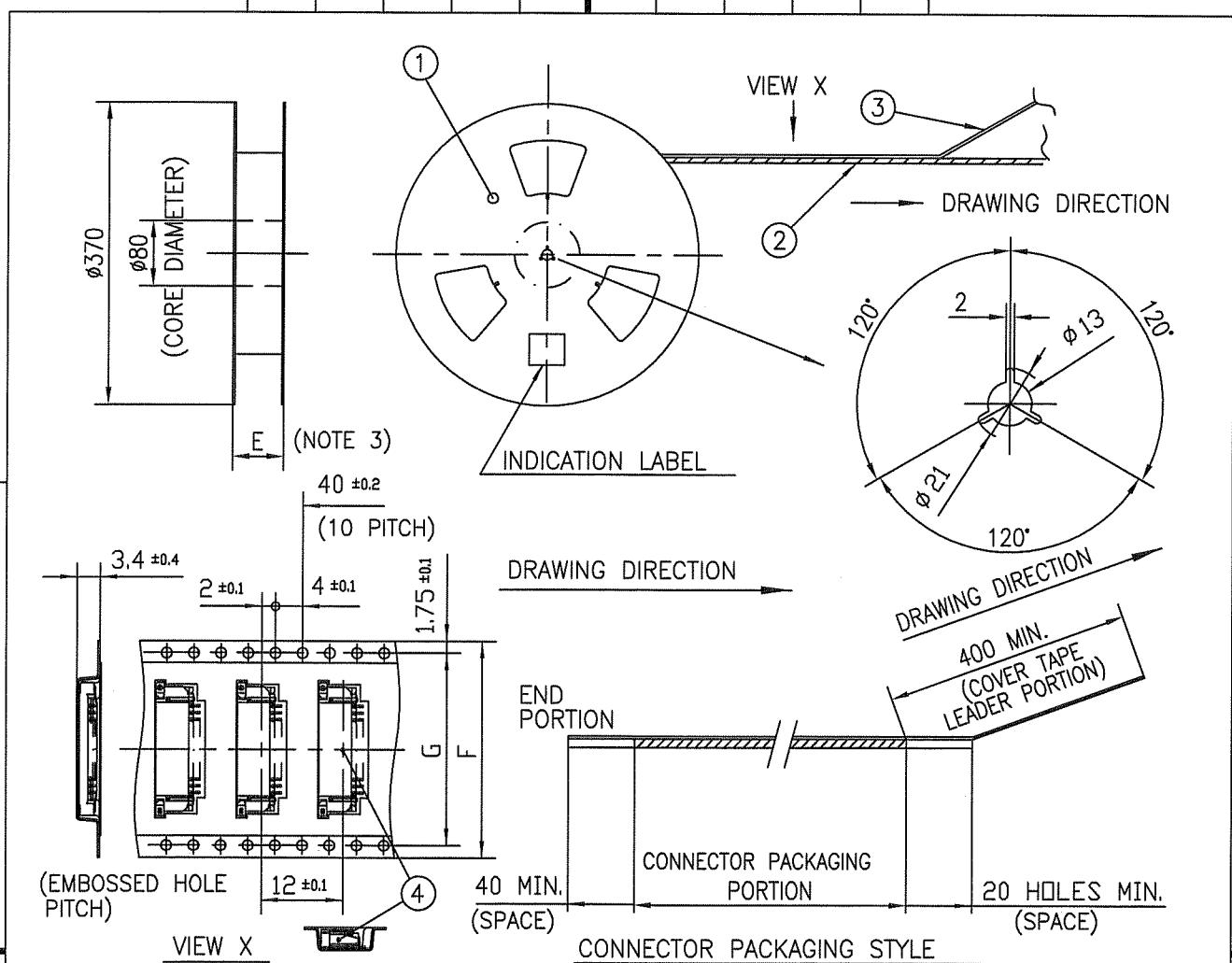


PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSS) TAPE	_____	PET	_____	COLOR:TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR:TRANSPARENCY
4	CONNECTOR	SFW_R-3STA_LF	SEE ATTACHED DWG.	2000	LOWER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC AND COPIES WITH AUTOMATIC MOUNTING (SMT).
2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
3. E DIMENSION IS PORTION OF THE CORE.

mat'l. code			surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection	product family 58RF	CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified			title PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW_R-3STAELF)		
A	J05-0024	H.T	1/20/05	angles	linear	±5			mm
B	J06-0398	H.T	9/26/06				scale X	dwg no sheet 1 of 1 size JSA 96278 A4	
C	J09-0363	M.Y	2009-10-8	±5°					
				dr	H.YAMASHITA	2009-10-8			
				engr	H.YAMASHITA	2009-10-8			
				chr	S.Mitomo	2009-10-8			
				appd	S.Chelani	2009-10-8			
sheet		revision C							Rev. C
index		sheet 1							



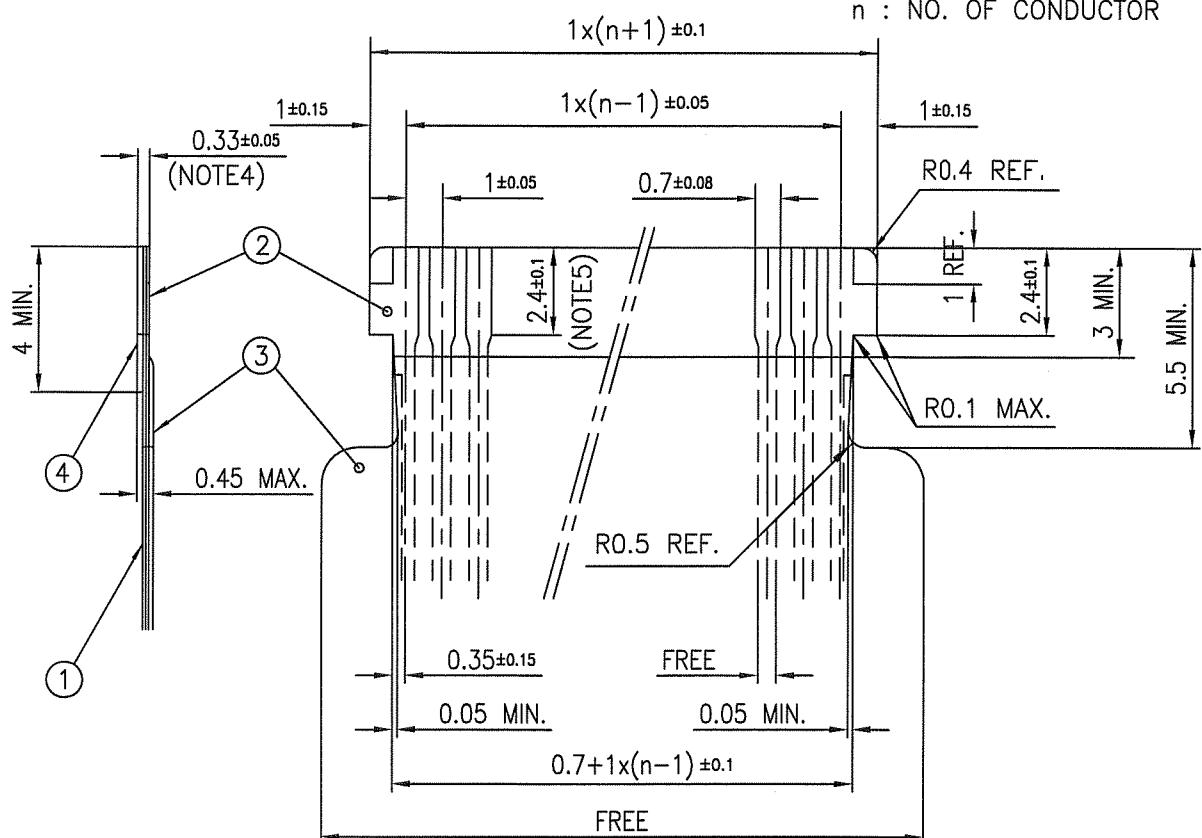
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSS) TAPE	_____	PET	_____	COLOR:TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR:TRANSPARENCY
4	CONNECTOR	SFW_R-4STA_LF	SEE ATTACHED DWG.	2000	UPPER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC AND COPIES WITH AUTOMATIC MOUNTING (SMT).
2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
3. E DIMENSION IS PORTION OF THE CORE.

mat'l. code			surface		tolerance	product family	58RF	CODE
			ISO 1302 ✓		ISO 406 ISO 1101			JP
ltr	ecn no	dr	date	tolerances unless otherwise specified		projection	title	
A	J05-0024	H.T	1/20/05	angles	Linear	±5		
B	J06-0398	H.T	9/26/06				PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW_R-4STA1LF)	
C	J09-0363	M.Y	2009-10-8	±5°		dr		
				dr	H.YAHASHITA	2009-10-8	dwg no	
				engr	H.YAHASHITA	2009-10-8		
				chr	S.YAHASHITA	2009-10-8		
				appd	S. Okamura	2009-10-8		
sheet	revision	C					sheet 1 of 1	size
index	sheet	1					JSA 96279	A4

RECOMMENDED CABLE (FPC)



PT. NO.	PARTS NAME	MATERIAL	THICKNESS (μm)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL(PLATING : GOLD)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188

NOTES

1. THIS DRAWING INDICATES THE FPC USED THE CONNECTOR WITH CABLE LOCK MECHANISM.

2. NO BURR AT EACH PORTION.

3. NO PEELING IN COMMON USE.

4. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.

5. THIS DIMENSION INDICATES THE RANGE FOR 0.7 ± 0.08 CONDUCTOR WIDTH.

mat'l. code			surface 58 ISO 1302	tolerance ISO 406 ISO 1101	projection	product family 58RF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified		title RECOMMENDED CABLE (Cat. No. SFW_R-3/4STA_)	
A	J05-0024	H.T	1/20/05	angles	Linear	mm	
B	J06-0398	H.T	9/26/06			scale X	
C	J09-0363	M.Y	2009-10-8				
				dr H.YAMASHITA	2009-10-8	dwg no	sheet 1 of 1
				engr H.YAMASHITA	2009-10-8		size A4
				chr S.Yoshida	2009-10-8		
				appd S.Yoshida	2009-10-8		
sheet index	revision	C					
	sheet	1					

Mouser Electronics

Authorized Distributor

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