

List of "SFW__R-1/2STE5LF" customer document

DOCUMENT NO.	LIST
10100522(SHEET1)	DOCUMENT LIST
10100522(SHEET2)	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR (SFW__R-1/2ST__LF)
10100522(SHEET3)	1mm SPACING SMT CONNECTOR (SFW__R-1ST_LF)
10100522(SHEET4)	1mm SPACING SMT CONNECTOR (SFW__R-2ST_LF)
10100522(SHEET5)	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-1/2STE5LF)
10100522(SHEET6)	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-1STE5LF)
10100522(SHEET7)	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-2STE5LF)
10100522(SHEET8)	RECOMMENDED CABLE (FPC) (SFW__R-1/2ST_)
10100522(SHEET9)	RECOMMENDED CABLE (FFC) (SFW__R-1/2ST_)
SC-SFW10	PRODUCT SPECIFICATION
GS-20-129	HANDLING PROCEDURES

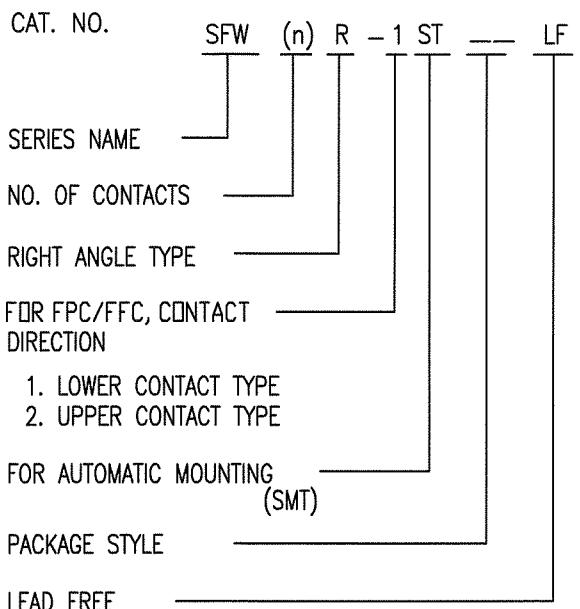
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mat'l. code				surface	58	tolerance	ISO 406	projection	product family	58RF	CODE
-				ISO 1302	✓	ISO 1101					JP
tolerances unless otherwise specified											
Ltr				dr	date	angles	Linear	mm	title		
A				DGOH	09-04-17				1mm SPACING SMT CONNECTOR DOCUMENT LIST		
B				M.Y	2009-10-2				(Cat. No. : SFW__R-1/2STE5LF)		
C				M.Y	2009-10-27			scale	dwg no		
				dr	M.YAMASHITA	2009-10-27			sheet		
				engr	M.YAMASHITA	2009-10-27			1 of 9		
				chr	S.Miyaji	2009-10-27			size		
				appd	S.Audhara	2009-10-27			A4		
sheet		revision	C	C	C	C	C	C	type		
index		sheet	1	2	3	4	5	6	Product Customer Drawing		
									Rev.		
									C		

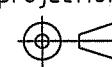
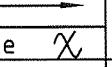
CAT. NO. & DIMENSIONS

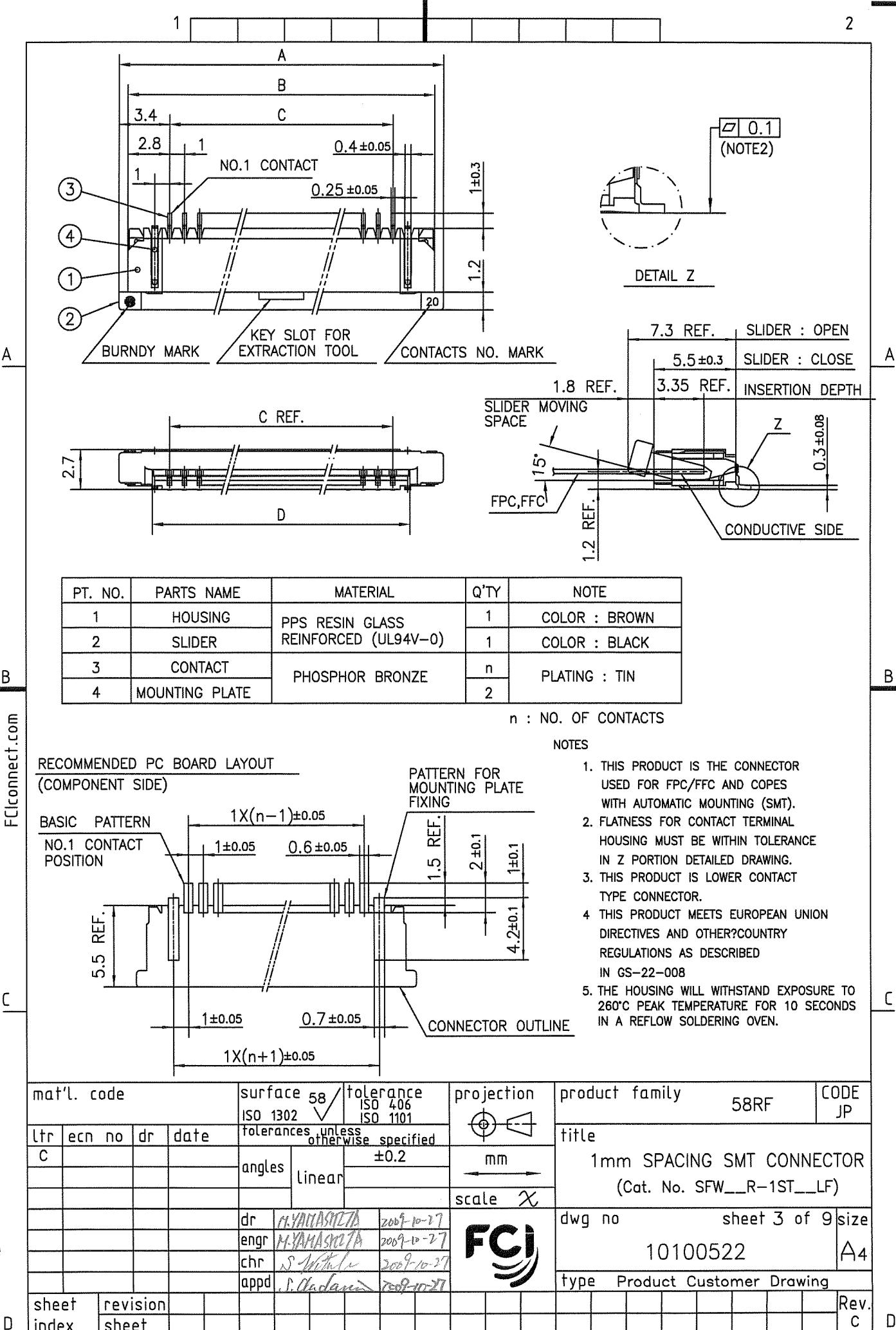
NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE2)				
		A ± 0.2	B ± 0.2	C ± 0.2	D ± 0.1	
4	SFW4R-1/2ST_LF	9.8	8.6	3.0	5.3	
5	SFW5R-1/2ST_LF	10.8	9.6	4.0	6.3	
6	SFW6R-1/2ST_LF	11.8	10.6	5.0	7.3	
7	SFW7R-1/2ST_LF	12.8	11.6	6.0	8.3	
8	SFW8R-1/2ST_LF	13.8	12.6	7.0	9.3	
9	SFW9R-1/2ST_LF	14.8	13.6	8.0	10.3	
10	SFW10R-1/2ST_LF	15.8	14.6	9.0	11.3	
11	SFW11R-1/2ST_LF	16.8	15.6	10.0	12.3	
12	SFW12R-1/2ST_LF	17.8	16.6	11.0	13.3	
13	SFW13R-1/2ST_LF	18.8	17.6	12.0	14.3	
14	SFW14R-1/2ST_LF	19.8	18.6	13.0	15.3	
15	SFW15R-1/2ST_LF	20.8	19.6	14.0	16.3	
16	SFW16R-1/2ST_LF	21.8	20.6	15.0	17.3	
17	SFW17R-1/2ST_LF	22.8	21.6	16.0	18.3	
18	SFW18R-1/2ST_LF	23.8	22.6	17.0	19.3	
19	SFW19R-1/2ST_LF	24.8	23.6	18.0	20.3	
20	SFW20R-1/2ST_LF	25.8	24.6	19.0	21.3	
21	SFW21R-1/2ST_LF	26.8	25.6	20.0	22.3	
B	22	SFW22R-1/2ST_LF	27.8	26.6	21.0	23.3
	23	SFW23R-1/2ST_LF	28.8	27.6	22.0	24.3
	24	SFW24R-1/2ST_LF	29.8	28.6	23.0	25.3
	25	SFW25R-1/2ST_LF	30.8	29.6	24.0	26.3
	26	SFW26R-1/2ST_LF	31.8	30.6	25.0	27.3
	27	SFW27R-1/2ST_LF	32.8	31.6	26.0	28.3
	28	SFW28R-1/2ST_LF	33.8	32.6	27.0	29.3
	29	SFW29R-1/2ST_LF	34.8	33.6	28.0	30.3
	30	SFW30R-1/2ST_LF	35.8	34.6	29.0	31.3

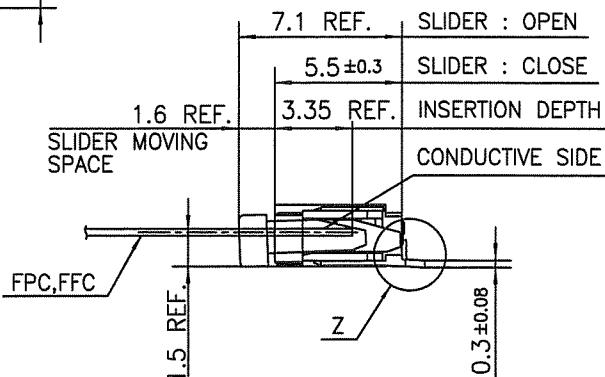
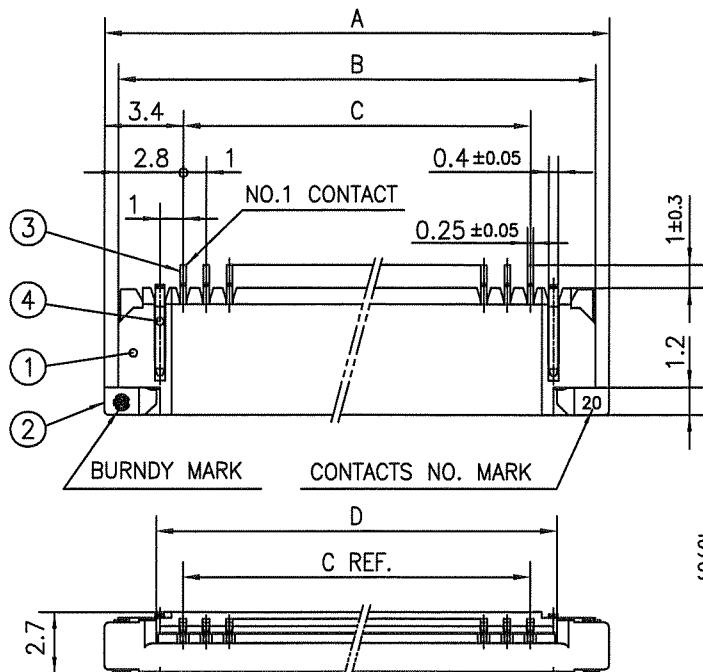


NOTES

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

mat'l. code <input type="text" value="-"/>				surface <input type="text" value="58"/>	tolerance <input type="text" value="ISO 406"/>	projection 	product family <input type="text" value="58RF"/>	CODE <input type="text" value="JP"/>
Ltr <input type="text" value="C"/> ecn no <input type="text" value=""/>				dr <input type="text" value="M.YAMAGITA"/>	tolerances <input type="text" value="unless otherwise specified"/>	mm 	title <input type="text" value="CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW_R-1/2ST_LF)"/>	
				engr <input type="text" value="M.YAMAGITA"/>		scale <input type="text" value="X"/>	dwg no <input type="text" value="10100522"/>	
				chr <input type="text" value="S. Nakai"/>			sheet <input type="text" value="2 of 9"/>	size <input type="text" value="A4"/>
				appd <input type="text" value="S.Odawara"/>			type <input type="text" value="Product Customer Drawing"/>	Rev. <input type="text" value="C"/>
sheet <input type="text" value="1"/>	revision <input type="text" value="1"/>							
index <input type="text" value="1"/>	sheet <input type="text" value="1"/>							

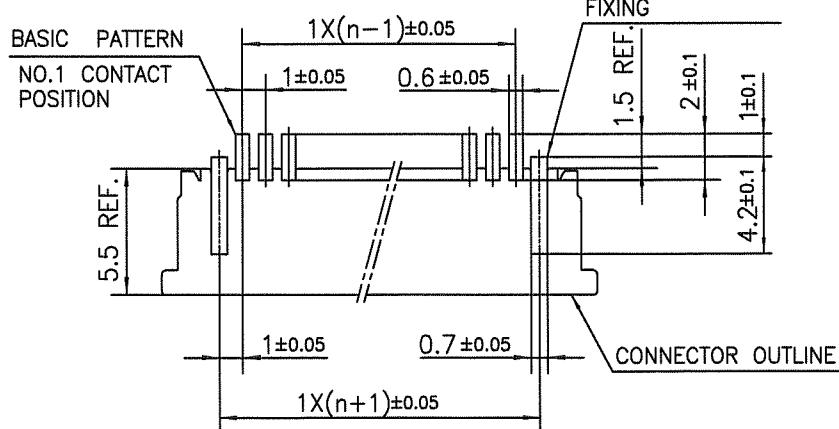




PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS	1	COLOR : BROWN
2	SLIDER	REINFORCED (UL94V-0)	1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : TIN
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC 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.
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			title		
C				angles	linear	±0.2	1mm SPACING SMT CONNECTOR		
							(Cat. No. SFW_R-2ST_LF)		
		dr	M.YAHASITZA 2009-10-27			mm			
		engr	M.YAHASITZA 2009-10-27						
		chr	L.Withee 2009-10-27						
		appd	S.Nadaree 2009-10-27						
sheet	revision						dwg no	sheet 4 of 9	size
index	sheet						10100522		A4
							type	Product Customer Drawing	
									Rev. C

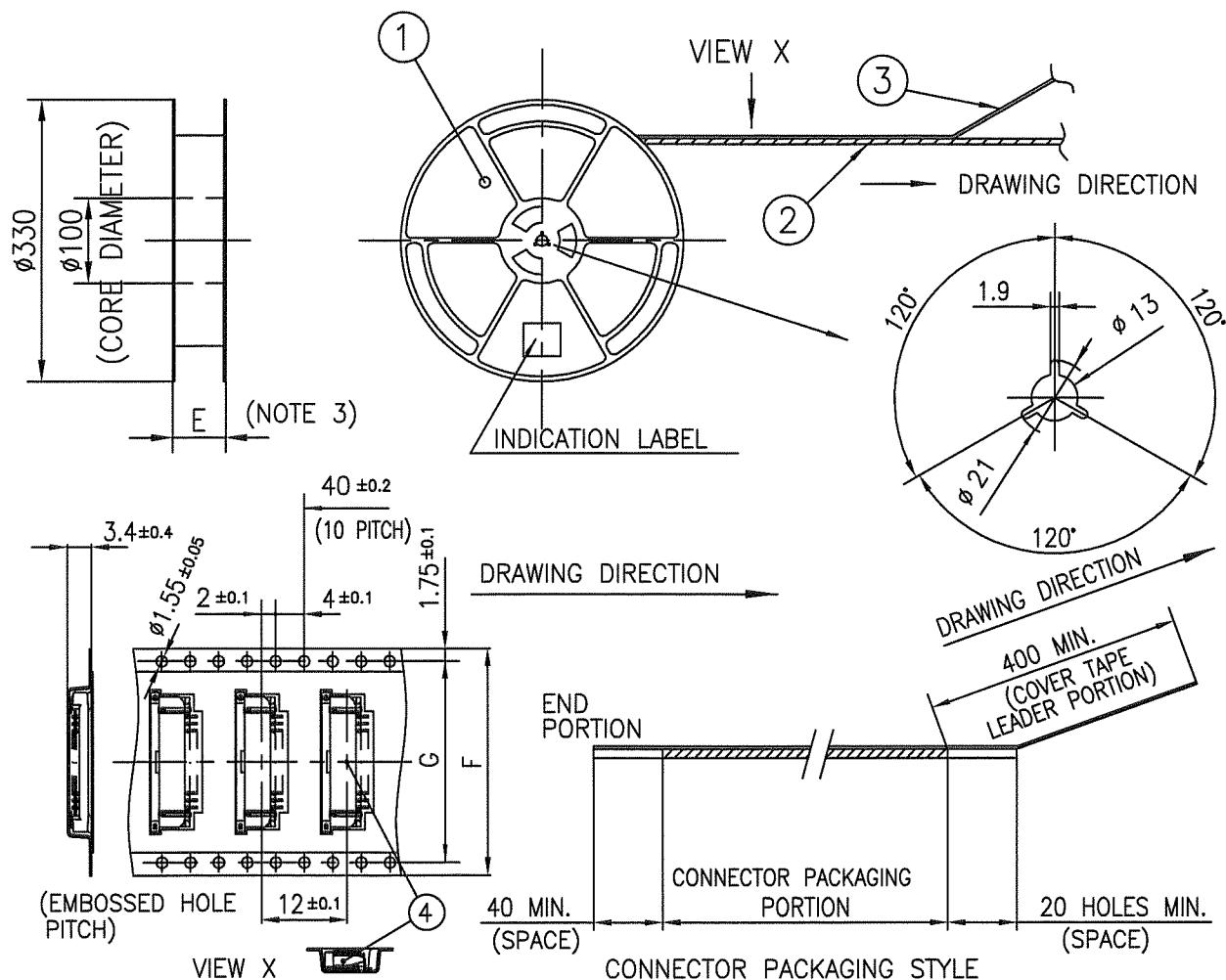
CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
		E MAX.	F ± 0.3	G ± 0.1
4	SFW4R-1/2STE5LF	22.4	16	—
5	SFW5R-1/2STE5LF	30.4	24	—
6	SFW6R-1/2STE5LF	30.4	24	—
7	SFW7R-1/2STE5LF	30.4	24	—
8	SFW8R-1/2STE5LF	30.4	24	—
9	SFW9R-1/2STE5LF	30.4	24	—
10	SFW10R-1/2STE5LF	30.4	24	—
11	SFW11R-1/2STE5LF	30.4	24	—
12	SFW12R-1/2STE5LF	30.4	24	—
13	SFW13R-1/2STE5LF	38.4	32	28.4
14	SFW14R-1/2STE5LF	38.4	32	28.4
15	SFW15R-1/2STE5LF	38.4	32	28.4
16	SFW16R-1/2STE5LF	38.4	32	28.4
17	SFW17R-1/2STE5LF	50.4	44	40.4
18	SFW18R-1/2STE5LF	50.4	44	40.4
19	SFW19R-1/2STE5LF	50.4	44	40.4
20	SFW20R-1/2STE5LF	50.4	44	40.4
21	SFW21R-1/2STE5LF	50.4	44	40.4
22	SFW22R-1/2STE5LF	50.4	44	40.4
23	SFW23R-1/2STE5LF	50.4	44	40.4
24	SFW24R-1/2STE5LF	50.4	44	40.4
25	SFW25R-1/2STE5LF	50.4	44	40.4
26	SFW26R-1/2STE5LF	50.4	44	40.4
27	SFW27R-1/2STE5LF	50.4	44	40.4
28	SFW28R-1/2STE5LF	62.4	56	52.4
29	SFW29R-1/2STE5LF	62.4	56	52.4
30	SFW30R-1/2STE5LF	62.4	56	52.4

NOTES

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

mat'l. code		surface 58 ISO 1302		tolerance ISO 406 ISO 1101	projection	product family	58RF	CODE JP
ltr		dr		date	tolerances unless otherwise specified		title	
C					angles		CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW____R-1/2STE5LF)	
					linear			
					scale X		dwg no	
				dr	M.YAHASU/27A 2009-10-27		sheet 5 of 9	
				engr	M.YAHASU/27A 2009-10-27		size	
				chr	S.Welch 2009-10-27		A4	
				appd	J.Udawas 2009-10-27		type	
sheet		revision			Product Customer Drawing		Rev.	
index		sheet					C	

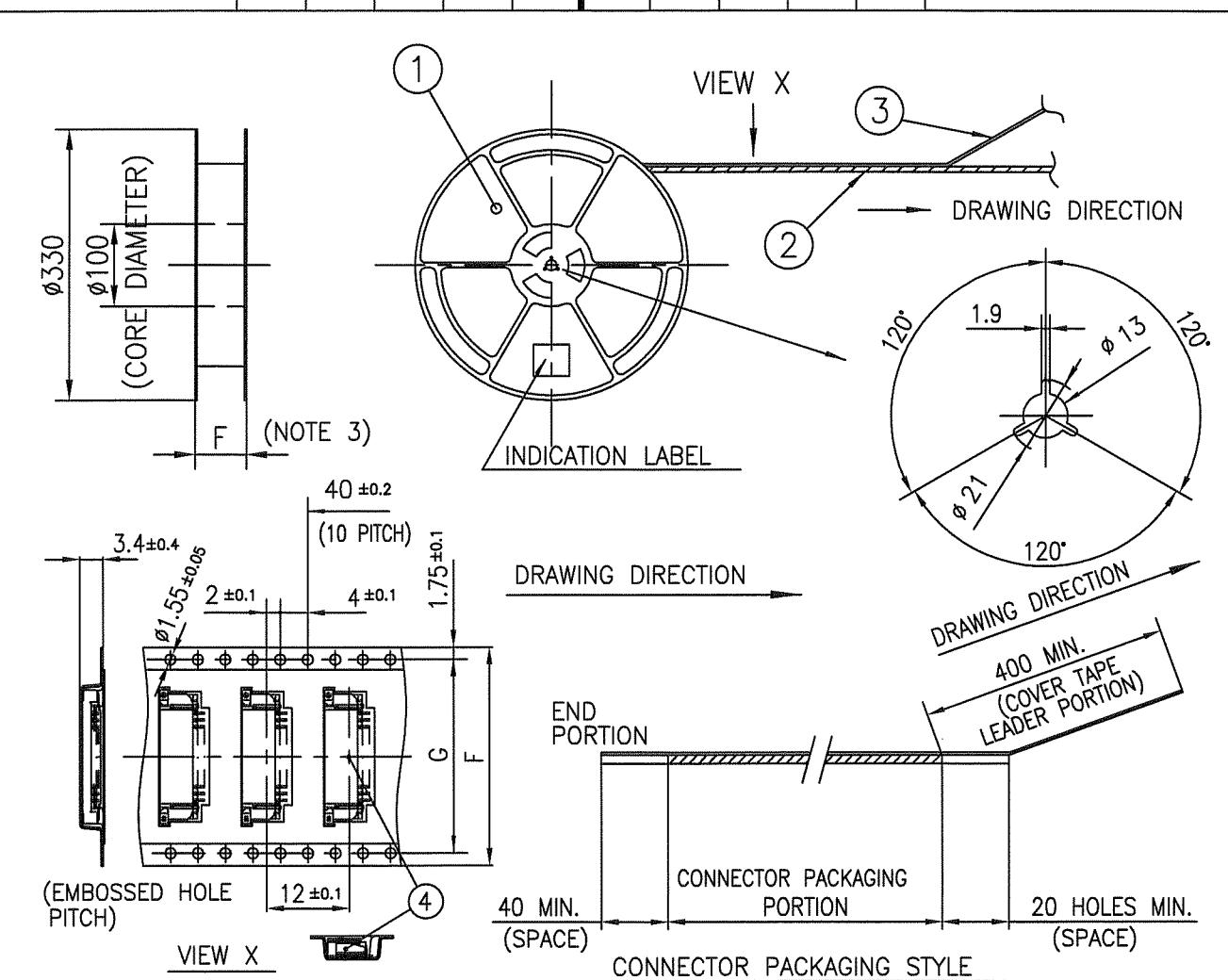


PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	POLYSTYRENE	1	COLOR : WHITE or BLACK
2	PLASTIC (EMBOSS) TAPE	_____	PET	—	COLOR : TRANSPARENCY
3	COVER	_____	POLYESTER	—	COLOR : TRANSPARENCY
4	CONNECTOR	SFW_R-1ST_LF	SEE ATTACHED DWG.	1500	LOWER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC 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		
C				angles	linear	±5	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW_R-1STE5LF)		
				±5°					
				dr	M.YAMAGITA	2009-10-27	dwg no	sheet 6 of 9	
				engr	M.YAMAGITA	2009-10-27		size	
				chr	S.Wikl	2009-10-27		A4	
				appd	S.Chudan	2009-10-27	type	Product Customer Drawing	
sheet index	revision sheet								Rev. C



PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	POLYSTYRENE	1	COLOR : WHITE or BLACK
2	PLASTIC (EMBOSS) TAPE	_____	PET	_____	COLOR : TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR : TRANSPARENCY
4	CONNECTOR	SFW_R-2ST_LF	SEE ATTACHED DWG.	1500	UPPER CONTACT TYPE

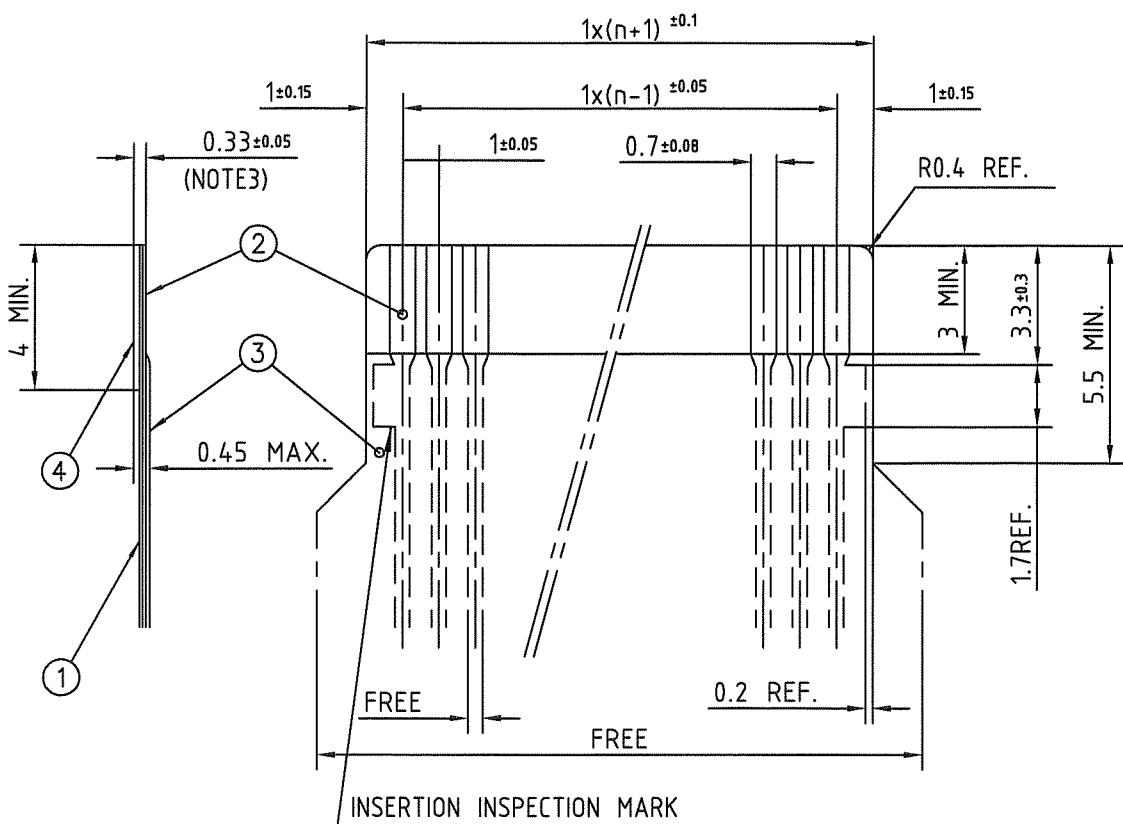
NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC 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	projection	product family	CODE
				ISO 1302	ISO 406 ISO 1101		58RF	JP
ltr	ecn no	dr	date	tolerances unless otherwise specified			title	
C				angles		±5	PLASTIC TAPE PACKAGED	
				Linear		mm	1mm SPACING SMT CONNECTOR	
				±5°		scale X	(Cat. No. SFW_R-2STE5LF)	
		dr	M.YAMASHITA 2009-10-27				dwg no	
		engr	M.YAMASHITA 2009-10-27				sheet 7 of 9	
		chr	S.Watari 2009-10-27				size	
		appd	S.Ochiai 2009-10-27				10100522	
sheet		revision					A4	
index		sheet						

RECOMMENDED CABLE (FPC)

n : NO. OF CONDUCTOR



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

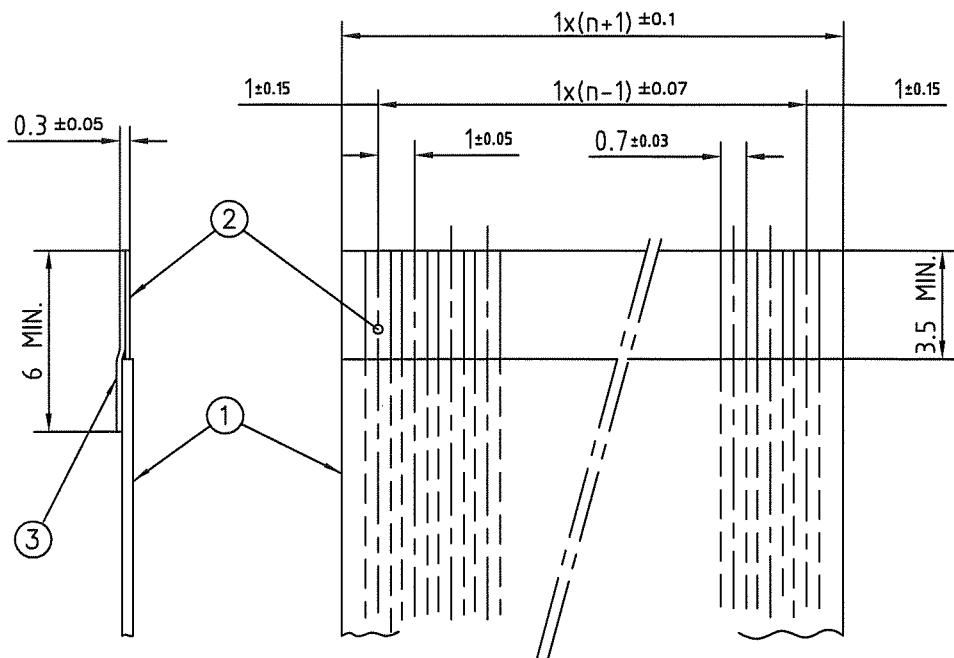
NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.

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-1/2_)		
C				angles	linear	mm 	scale	X	
				dr	M.YAMASHITA 2008-10-27		dwg no	sheet 8 of 9	size
				engr	M.YAMASHITA 2008-10-27		10100522		A4
				chr	S. Watanabe 2009-10-27		type		Product Customer Drawing
				appd	S. Okada 2009-10-27				
sheet index	revision								Rev. C
	sheet								

RECOMMENDED CABLE (FFC)

n : NO. OF CONDUCTOR



PT. NO.	PARTS NAME	MATERIAL	NOTE
1	INSULATOR	FLAME RESISTING POLYESTER OR EQUAL	
2	CONDUCTOR	COPPER FOIL	PLATING:TIN OR SOLDER 1um MIN.
3	SUPPORTING TAPE	FLAME RESISTING POLYESTER OR EQUAL	

NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.

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			
C				angles	Linear		RECOMMENDED CABLE (Cat. No. SFW__R-1/2__)			
						mm				
						scale X				
				dr	14.3A/14.3A	2009-10-27	dwg no			
				engr	14.3A/14.3A	2009-10-27	sheet 9 of 9			
				chr	S. Nithi	2009-10-27	size			
				appd	S. Chidambar	2009-10-27	A4			
sheet index		revision sheet							type	Product Customer Drawing
									Rev.	c

Mouser Electronics

Authorized Distributor

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