

List of "SFW__R-3/4STZE5LF" customer document

DOCUMENT NO.	LIST
10091601(SHEET1)	DOCUMENT LIST
10091601(SHEET2)	CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (SFW__R-3/4STZ__LF)
10091601(SHEET3)	1mm SPACING SMT CONNECTOR (SFW__R-3STZ__LF)
10091601(SHEET4)	1mm SPACING SMT CONNECTOR (SFW__R-4STZ__LF)
10091601(SHEET5)	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3/4STZE5LF)
10091601(SHEET6)	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3STZE5LF)
10091601(SHEET7)	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-4STZE5LF)
10091601(SHEET8)	RECOMMENDED CABLE (FPC) (SFW__R-3/4ST__)
10091601(SHEET9)	RECOMMENDED CABLE (FFC) (SFW__R-3/4ST__)
SC-SFW11	PRODUCT SPECIFICATION
GS-20-130	HANDLING PROCEDURES

mat'l. code —				surface ISO 1302 ✓				tolerance ISO 406 ISO 1101				projection 				product family 58RF											
ltr	ecn no	dr	date	tolerances unless otherwise specified								title 1mm SPACING SMT CONNECTOR DOCUMENT LIST (Cat. No. : SFW__R-3/4STZE5LF)															
A	S08-0266	H.T	2008-8-13	angles	linear																						
B	S08-0277	S.W	2008-8-25																								
C	J09-0380	S.W	2009-10-27							scale N/A																	
D	ELX-J-32994	S.W	2019-3-25	dr	S.WATANABE				2019-3-25								dwg no				sheet 1 of 9				size		
				engr	S.WATANABE				2019-3-25								10091601				A4						
				chr	S-H.THIO				2019-3-25																		
				appd	Y.KAMEDA				2019-3-25																		
sheet index		revision		D	D	D	D	D	D	D	D																
		sheet		1	2	3	4	5	6	7	8	9															

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-3/4STZ__LF	9.8	8.6	3.0	3.92
5	SFW5R-3/4STZ__LF	10.8	9.6	4.0	4.92
6	SFW6R-3/4STZ__LF	11.8	10.6	5.0	5.92
7	SFW7R-3/4STZ__LF	12.8	11.6	6.0	6.92
8	SFW8R-3/4STZ__LF	13.8	12.6	7.0	7.92
9	SFW9R-3/4STZ__LF	14.8	13.6	8.0	8.92
10	SFW10R-3/4STZ__LF	15.8	14.6	9.0	9.92
11	SFW11R-3/4STZ__LF	16.8	15.6	10.0	10.92
12	SFW12R-3/4STZ__LF	17.8	16.6	11.0	11.92
13	SFW13R-3/4STZ__LF	18.8	17.6	12.0	12.92
14	SFW14R-3/4STZ__LF	19.8	18.6	13.0	13.92
15	SFW15R-3/4STZ__LF	20.8	19.6	14.0	14.92
16	SFW16R-3/4STZ__LF	21.8	20.6	15.0	15.92
17	SFW17R-3/4STZ__LF	22.8	21.6	16.0	16.92
18	SFW18R-3/4STZ__LF	23.8	22.6	17.0	17.92
19	SFW19R-3/4STZ__LF	24.8	23.6	18.0	18.92
20	SFW20R-3/4STZ__LF	25.8	24.6	19.0	19.92
21	SFW21R-3/4STZ__LF	26.8	25.6	20.0	20.92
22	SFW22R-3/4STZ__LF	27.8	26.6	21.0	21.92
23	SFW23R-3/4STZ__LF	28.8	27.6	22.0	22.92
24	SFW24R-3/4STZ__LF	29.8	28.6	23.0	23.92
25	SFW25R-3/4STZ__LF	30.8	29.6	24.0	24.92
26	SFW26R-3/4STZ__LF	31.8	30.6	25.0	25.92
27	SFW27R-3/4STZ__LF	32.8	31.6	26.0	26.92
28	SFW28R-3/4STZ__LF	33.8	32.6	27.0	27.92
29	SFW29R-3/4STZ__LF	34.8	33.6	28.0	28.92
30	SFW30R-3/4STZ__LF	35.8	34.6	29.0	29.92

CAT. NO. SFW (n) R - 3 ST Z __ 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 TYPE

FOR AUTOMATIC MOUNTING (SMT)

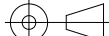
VARIATION

PACKAGE STYLE

LEAD FREE

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPS 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 ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 58RF									
ltr	ecn no	dr	date	tolerances unless		otherwise specified		 scale N/A		title CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3/4STZ__LF)									
D				angles	linear														
				dr	S.WATANABE	2019-3-25				dwg no				sheet 2 of 9				size	
				engr	S.WATANABE	2019-3-25				10091601				A4					
				chr	S-H.THIO	2019-3-25													
				appd	Y.KAMEDA	2019-3-25				type Product Customer Drawing									
sheet index		revision sheet																	

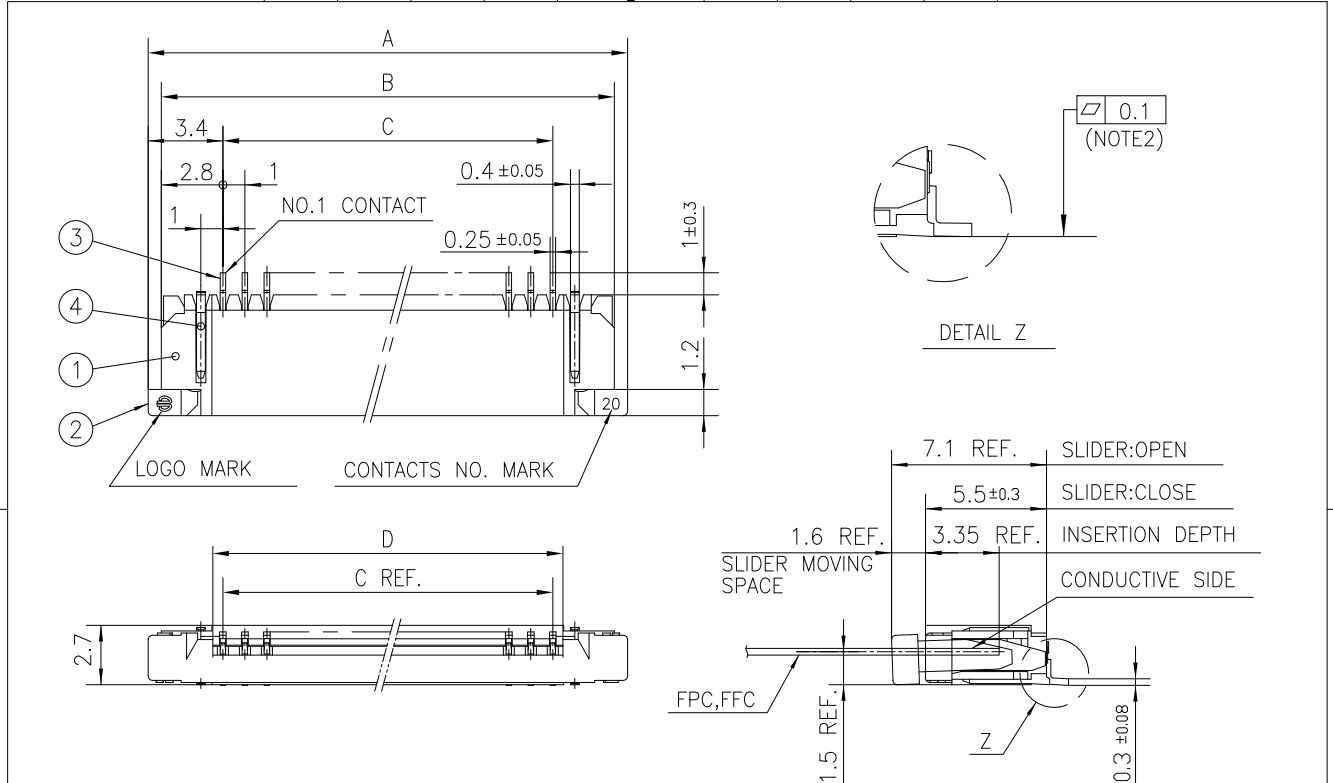
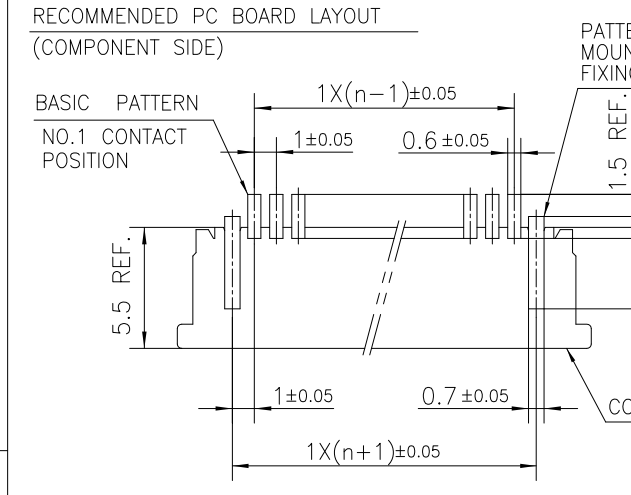
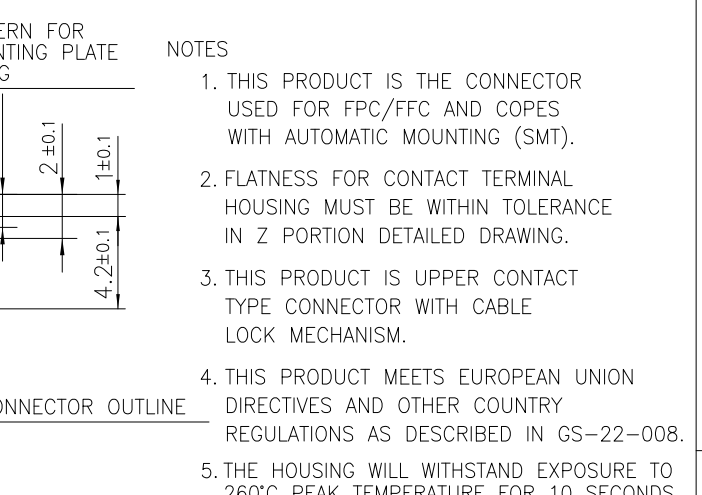
n : NO. OF CONTACTS

PATTERN FOR MOUNTING PLATE FIXING



1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPEs 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.

D

1										2																																
																																										
<table border="1"><thead><tr><th>PT. NO.</th><th>PARTS NAME</th><th>MATERIAL</th><th>Q'TY</th><th>NOTE</th></tr></thead><tbody><tr><td>1</td><td>HOUSING</td><td rowspan="2">PPS RESIN GLASS REINFORCED (UL94V-0)</td><td>1</td><td>COLOR : BLACK</td></tr><tr><td>2</td><td>SLIDER</td><td>1</td><td>COLOR : BROWN</td></tr><tr><td>3</td><td>CONTACT</td><td rowspan="2">PHOSPHOR BRONZE</td><td>n</td><td>PLATING : THIN TIN</td></tr><tr><td>4</td><td>MOUNTING PLATE</td><td>2</td><td>PLATING : TIN</td></tr></tbody></table> n : NO. OF CONTACTS																				PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE	1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK	2	SLIDER	1	COLOR : BROWN	3	CONTACT	PHOSPHOR BRONZE	n	PLATING : THIN TIN	4	MOUNTING PLATE	2	PLATING : TIN
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE																																						
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK																																						
2	SLIDER		1	COLOR : BROWN																																						
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : THIN TIN																																						
4	MOUNTING PLATE		2	PLATING : TIN																																						
RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)										PATTERN FOR MOUNTING PLATE FIXING																																
																																										
NOTES																																										
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND CYPES 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.																																										
mat'l. code										product family																																
surface ISO 1302										58RF																																
tolerance ISO 406 ISO 1101										title																																
tolerances unless otherwise specified										1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-4STZ__LF)																																
angles linear ±0.2										dwg no																																
dr S.WATANABE 2019-3-25										sheet 4 of 9																																
enr S.WATANABE 2019-3-25										size																																
chr S-H.THIO 2019-3-25										A4																																
appd Y.KAMEDA 2019-3-25										type Product Customer Drawing																																
sheet index										revision sheet																																

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
		E MAX.	F ± 0.3	G ± 0.1
4	SFW4R-3/4STZE5LF	22.4	16	—
5	SFW5R-3/4STZE5LF	30.4	24	—
6	SFW6R-3/4STZE5LF	30.4	24	—
7	SFW7R-3/4STZE5LF	30.4	24	—
8	SFW8R-3/4STZE5LF	30.4	24	—
9	SFW9R-3/4STZE5LF	30.4	24	—
10	SFW10R-3/4STZE5LF	30.4	24	—
11	SFW11R-3/4STZE5LF	30.4	24	—
12	SFW12R-3/4STZE5LF	30.4	24	—
13	SFW13R-3/4STZE5LF	38.4	32	28.4
14	SFW14R-3/4STZE5LF	38.4	32	28.4
15	SFW15R-3/4STZE5LF	38.4	32	28.4
16	SFW16R-3/4STZE5LF	38.4	32	28.4
17	SFW17R-3/4STZE5LF	50.4	44	40.4
18	SFW18R-3/4STZE5LF	50.4	44	40.4
19	SFW19R-3/4STZE5LF	50.4	44	40.4
20	SFW20R-3/4STZE5LF	50.4	44	40.4
21	SFW21R-3/4STZE5LF	50.4	44	40.4
22	SFW22R-3/4STZE5LF	50.4	44	40.4
23	SFW23R-3/4STZE5LF	50.4	44	40.4
24	SFW24R-3/4STZE5LF	50.4	44	40.4
25	SFW25R-3/4STZE5LF	50.4	44	40.4
26	SFW26R-3/4STZE5LF	50.4	44	40.4
27	SFW27R-3/4STZE5LF	50.4	44	40.4
28	SFW28R-3/4STZE5LF	62.4	56	52.4
29	SFW29R-3/4STZE5LF	62.4	56	52.4
30	SFW30R-3/4STZE5LF	62.4	56	52.4

CAT. NO.

SFW (n) R - 3 ST Z E5 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 TYPE

FOR AUTOMATIC MOUNTING
(SMT)

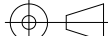
VARIATION

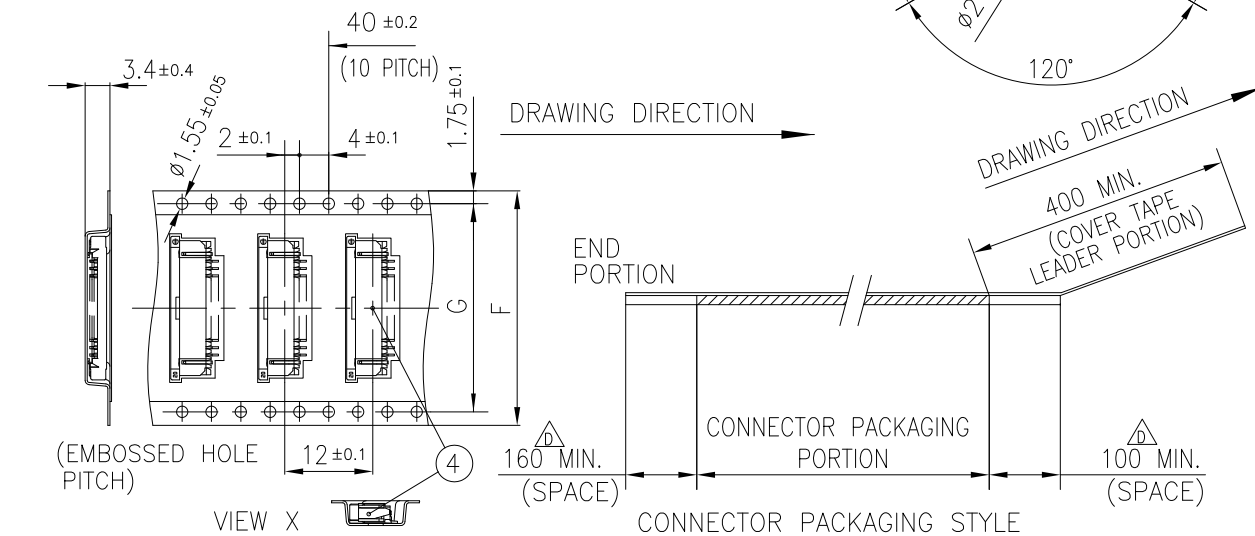
TAPE PACKAGING

LEAD FREE

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPELS 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 ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 58RF									
ltr	ecn no	dr	date	tolerances unless		otherwise specified		 MM scale N/A		title CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3/4STZE5LF)									
D				angles	linear														
				dr	S.WATANABE		2019-3-25				dwg no		sheet 5 of 9				size		
				engr	S.WATANABE		2019-3-25				10091601		A4						
				chr	S-H.THIO		2019-3-25												
				appd	Y.KAMEDA		2019-3-25												
sheet index		revision																	
		sheet																	



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

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC/FFC AND COPEs 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											
—				ISO 1302 ✓		ISO 406 ISO 1101				58RF											
ltr	ecn no	dr	date	tolerances unless		otherwise specified				title PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3STZE5LF)											
D				angles		±5															
				linear																	
				±5°				scale N/A		dwg no sheet 6 of 9 size 10091601 A4											
				dr	S.WATANABE		2019-3-25														
				engr	S.WATANABE		2019-3-25														
				chr	S-H.THIO		2019-3-25														
				appd	Y.KAMEDA		2019-3-25				type Product Customer Drawing										
sheet index		revision																			
sheet																					

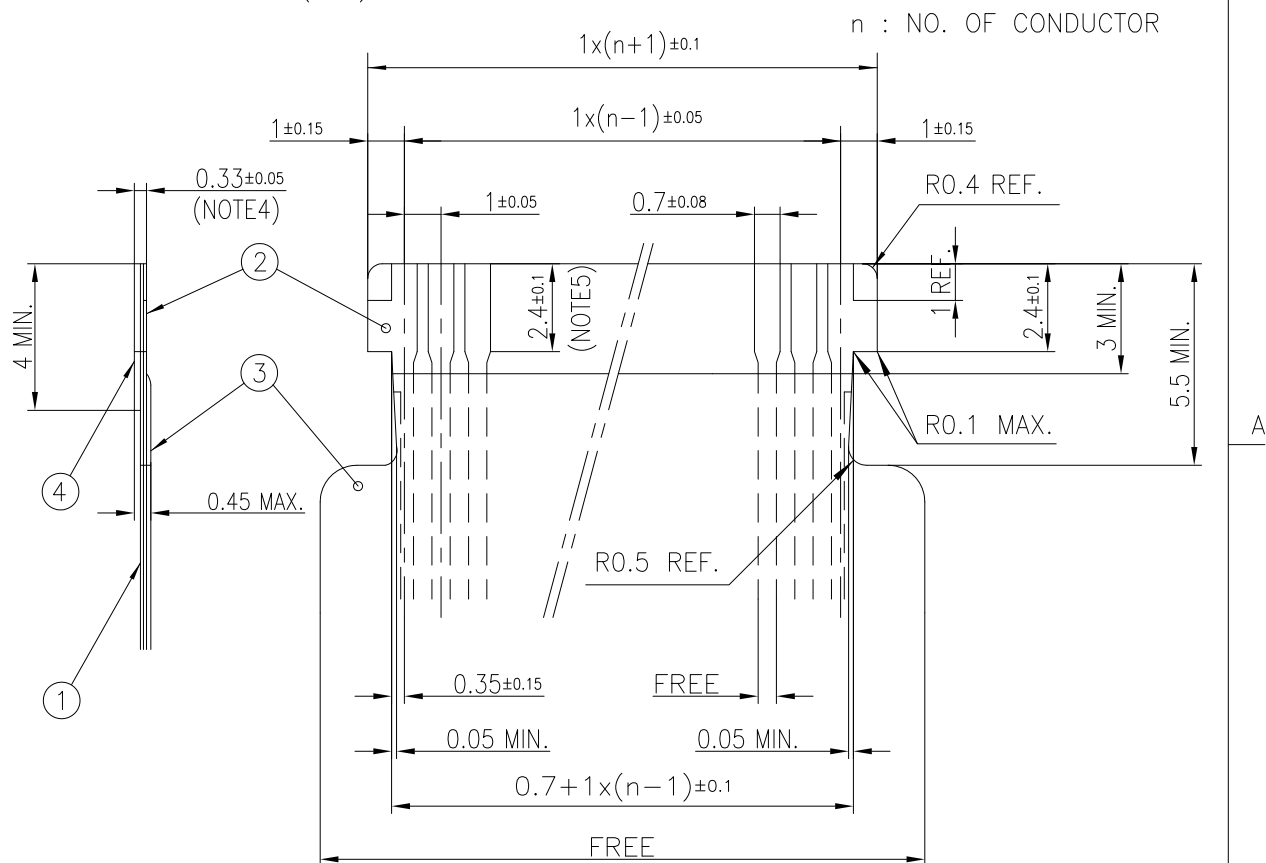


NOTES

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form: A4-2016-02-24

RECOMMENDED CABLE (FPC)



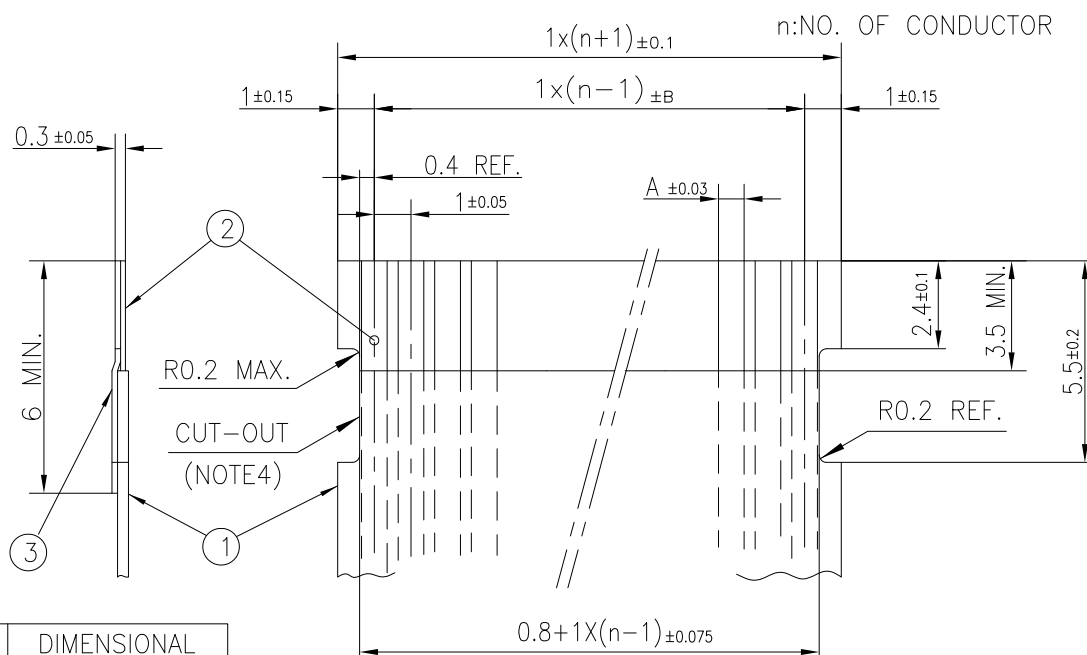
PT. NO.	PARTS NAME	MATERIAL	THICKNESS(um)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL(PLATING: TIN OR SOLDER 1um MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188

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 ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 58RF													
ltr	ecn no		dr	date		tolerances unless otherwise specified						title											
D						angles		linear						RECOMMENDED CABLE (Cat. No. SFW__R-3/4ST__)									
												scale 5:1											
						dr	S.WATANABE		2019-3-25				dwg no		sheet 8 of 9				size				
						engr	S.WATANABE		2019-3-25				10091601						A4				
						chr	S-H.THIO		2019-3-25														
						appd	Y.KAMEDA		2019-3-25						type Product Customer Drawing								
sheet index		revision																					
		sheet																					

RECOMMENDED CABLE (FFC)



KIND OF FFC (NOTE5)	DIMENSIONAL TOLERANCE	
	A	B
1	0.7	0.1
2	0.6	0.07

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
- THIS DRAWING INDICATES THE FFC USED THE CONNECTOR WITH CABLE LOCK MECHANISM.
 - NO BURR AT EACH PORTION.
 - NO PEELING IN COMMON USE.
 - THERE IS A POSSIBILITY THAT THE CAT-OUT CROSSES THE CONDUCTOR BECAUSE OF DIMENSIONAL TOLERANCE.
 - EITHER KIND1 OR KIND2 OF FFC CAN ACCEPT DIMENSIONAL TOLERANCE a AND b.

mat'l. code				surface		tolerance		projection		product family										
—				ISO 1302		ISO 406 ISO 1101				58RF										
ltr	ecn no	dr	date	tolerances unless		otherwise specified				title										
D				angles		linear		MM		RECOMMENDED CABLE										
								scale 5:1		(Cat. No. SFW__R-3/4ST__)										
				dr	S.WATANABE		2019-3-25				dwg no				sheet 9 of 9				size	
				engr	S.WATANABE		2019-3-25				10091601				A4					
				chr	S-H.THIO		2019-3-25													
				appd	Y.KAMEDA		2019-3-25													
sheet index		revision sheet																		