

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,
WITH CABLE LOCK MECHANISM

CONTACT DIRECTION

3. LOWER CONTACT TYPE
4. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING (SMT)

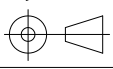
SELECTIVE GOLD PLATING

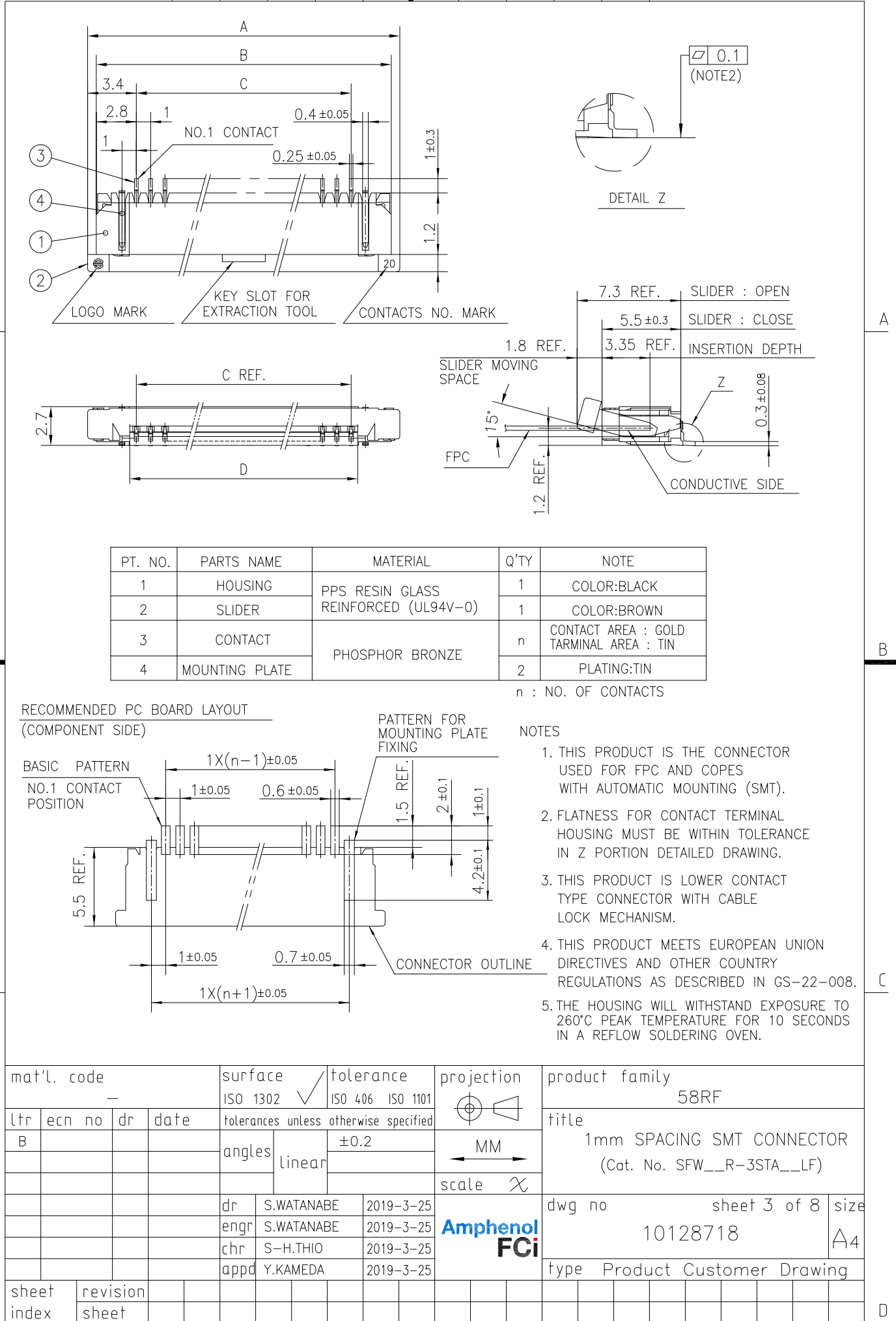
PACKAGE STYLE

LEAD FREE

NOTES

- THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPS WITH AUTOMATIC MOUNTING (SMT).
- SEE PART DRAWINGS FOR DIMENSIONS A~D.
- 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 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3/4STA__LF)													
B				angles		linear																	
				dr	S.WATANABE	2019-3-25				dwg no sheet 2 of 8 size													
				engr	S.WATANABE	2019-3-25				10128718 A4													
				chr	S-H.THIO	2019-3-25																	
				appd	Y.KAMEDA	2019-3-25																	
sheet index		revision sheet																					



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>CONTACT AREA : GOLD TARMINAL AREA : 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	CONTACT AREA : GOLD TARMINAL AREA : 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	CONTACT AREA : GOLD TARMINAL AREA : TIN																																						
4	MOUNTING PLATE		2	PLATING:TIN																																						
RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)										NOTES 1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC 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										surface ISO 1302					tolerance ISO 406 ISO 1101					projection					product family																	
ltr										ecn no					dr					date					tolerances unless otherwise specified					title												
B																									58RF																	
																									1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-4STA__LF)																	
																									scale																	
																									dwg no																	
																									sheet 4 of 8																	
																									10128718																	
																									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-3/4STAE5LF	22.4	16	—
5	SFW5R-3/4STAE5LF	30.4	24	—
6	SFW6R-3/4STAE5LF	30.4	24	—
7	SFW7R-3/4STAE5LF	30.4	24	—
8	SFW8R-3/4STAE5LF	30.4	24	—
9	SFW9R-3/4STAE5LF	30.4	24	—
10	SFW10R-3/4STAE5LF	30.4	24	—
11	SFW11R-3/4STAE5LF	30.4	24	—
12	SFW12R-3/4STAE5LF	30.4	24	—
13	SFW13R-3/4STAE5LF	38.4	32	28.4
14	SFW14R-3/4STAE5LF	38.4	32	28.4
15	SFW15R-3/4STAE5LF	38.4	32	28.4
16	SFW16R-3/4STAE5LF	38.4	32	28.4
17	SFW17R-3/4STAE5LF	50.4	44	40.4
18	SFW18R-3/4STAE5LF	50.4	44	40.4
19	SFW19R-3/4STAE5LF	50.4	44	40.4
20	SFW20R-3/4STAE5LF	50.4	44	40.4
21	SFW21R-3/4STAE5LF	50.4	44	40.4
22	SFW22R-3/4STAE5LF	50.4	44	40.4
23	SFW23R-3/4STAE5LF	50.4	44	40.4
24	SFW24R-3/4STAE5LF	50.4	44	40.4
25	SFW25R-3/4STAE5LF	50.4	44	40.4
26	SFW26R-3/4STAE5LF	50.4	44	40.4
27	SFW27R-3/4STAE5LF	50.4	44	40.4
28	SFW28R-3/4STAE5LF	62.4	56	52.4
29	SFW29R-3/4STAE5LF	62.4	56	52.4
30	SFW30R-3/4STAE5LF	62.4	56	52.4

CAT. NO.

SFW (n) R - 3 ST A E5 LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC
WITH CABLE LOCK MECHANISM

CONTACT DIRECTION

3. LOWER CONTACT TYPE

4. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING
(SMT)

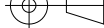
SELECTIVE GOLD PLATING

TAPE PACKAGING FOR E5
(1500pcs PER PLASTIC REEL)

LEAD FREE

NOTES

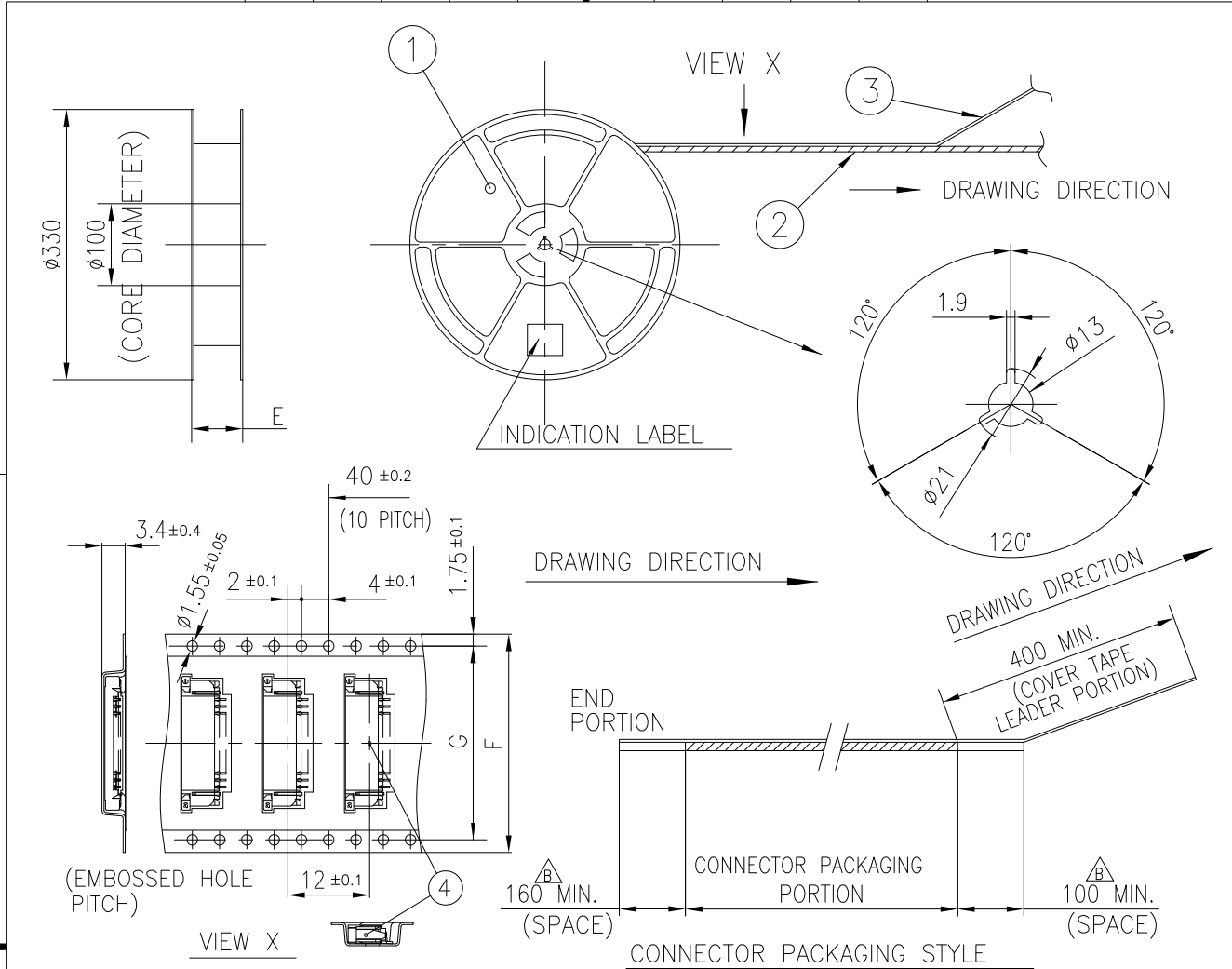
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COTES WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS E~G.

mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 58RF									
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-3/4STAE5LF)									
B				angles	linear														
								scale N/A		dwg no sheet 5 of 8 size 10128718 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																	

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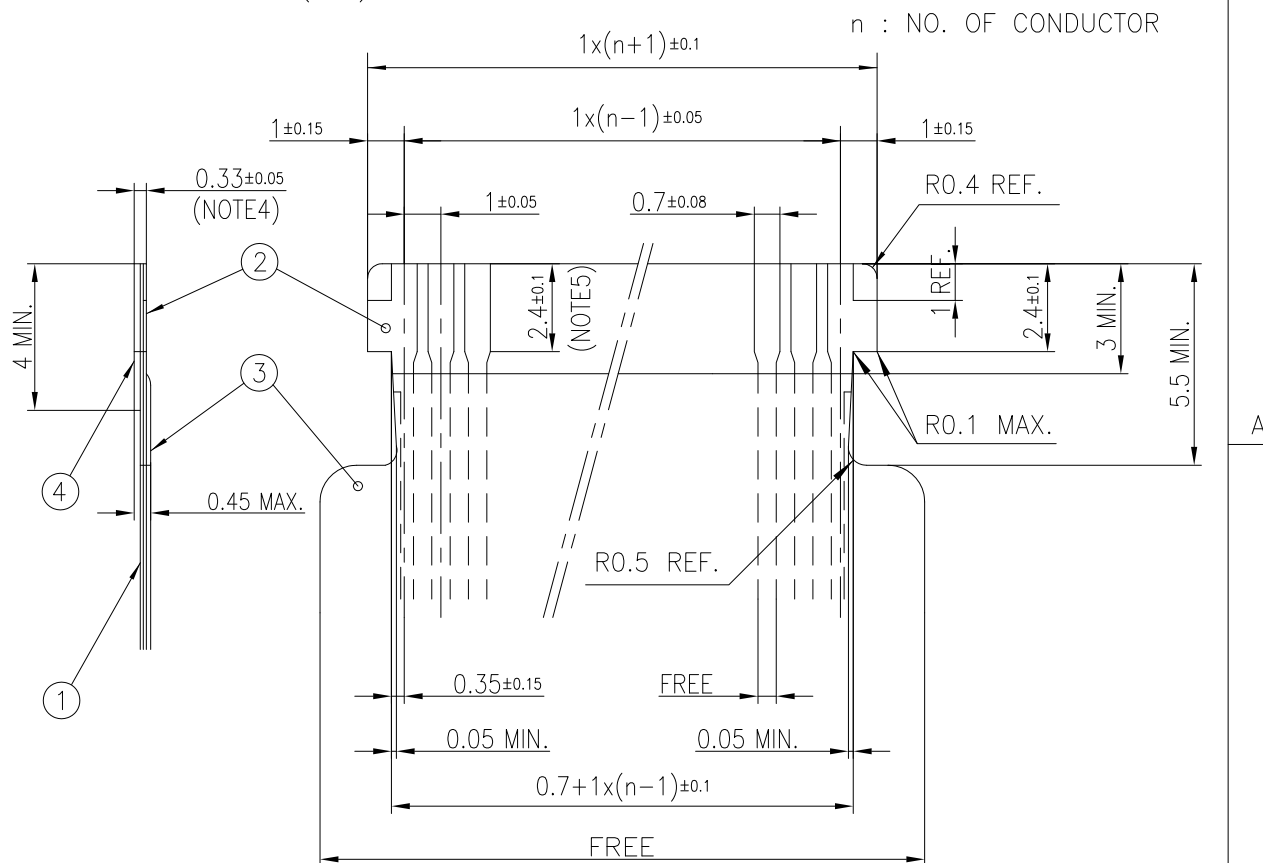
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	—	POLYSTYRENE	1	COLOR : WHITE or Black
2	PLASTIC (EMBOSS) TAPE	—	△ PS or A-PET	—	COLOR:TRANSPARENCY
3	COVER	—	△ POLYESTER,POLYETHYLENE	—	COLOR:TRANSPARENCY
4	CONNECTOR	SFW__R-4STA__LF	SEE SHEET4	1500	UPPER CONTACT TYPE

NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC/FFC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
- 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			MM	title			
B				angles	±5		←	PLASTIC TAPE PACKAGED			
				linear			→	1mm SPACING SMT CONNECTOR			
				±5°			scale N/A	(Cat. No. SFW__R-4STAE5LF)			
				dr	S.WATANABE	2019-3-25	Amphenol FCi	dwg no		sheet 7 of 8	size
				engr	S.WATANABE	2019-3-25		10128718			A4
				chr	S-H.THIO	2019-3-25					
				appd	Y.KAMEDA	2019-3-25					
sheet	revision							type			
index	sheet							Product Customer Drawing			

RECOMMENDED CABLE (FPC)



PT. NO.	PARTS NAME	MATERIAL	THICKNESS(um)
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		tolerance		projection		product family				
—				ISO 1302		ISO 406 ISO 1101				58RF				
ltr	ecn no	dr	date	tolerances unless otherwise specified						title				
B				angles		linear		MM		RECOMMENDED CABLE				
								scale 5:1		(Cat. No. SFW__R-3/4STA__)				
				dr	S.WATANABE	2019-3-25				dwg no		sheet 8 of 8	size	
				engr	S.WATANABE	2019-3-25				10128718		A4		
				chr	S-H.THIO	2019-3-25								
				appd	Y.KAMEDA	2019-3-25								
sheet index		revision sheet												