

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 1mm SPACING FPC CONNECTOR DOCUMENT LIST (Cat. No. : SFW__R-3/4STAE9LF)						
A	J11-0043	S.W	2011-2-14	angles				linear														
B	ELX-J-32994	S.W	2019-3-25									scale N/A				dwg no 10117343						
				dr	S.WATANABE			2019-3-25							sheet 1 of 8 size A4							
				engr	S.WATANABE			2019-3-25														
				chr	S-H.THIO			2019-3-25														
				appd	Y.KAMEDA			2019-3-25														
sheet index	revision sheet	B	B	B	B	B	B	B	B	B												
		1	2	3	4	5	6	7	8													

List of "SFW__R-3/4STAE9LF" customer document

DOCUMENT NO.	LIST
SC-SFW16	SPEC.
10117343 Sheet2	CAT.NO.TABLE FOR 1mm CONTACT SPACING SMT CONNECTOR (SFW__R-3/4STA__LF)
10117343 Sheet3	1mm SPACING SMT CONNECTOR (SFW__R-3STA__LF)
10117343 Sheet4	1mm SPACING SMT CONNECTOR (SFW__R-4STA__LF)
10117343 Sheet5	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3/4STAE9LF)
10117343 Sheet6	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3STAE9LF)
10117343 Sheet7	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-4STAE9LF)
10117343 Sheet8	RECOMMENDED CABLE (FPC) (SFW__R-3/4STA__)
GS-20-130	HANDLING PROCEDURES

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)

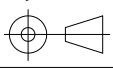
SELECTIVE GOLD PLATING

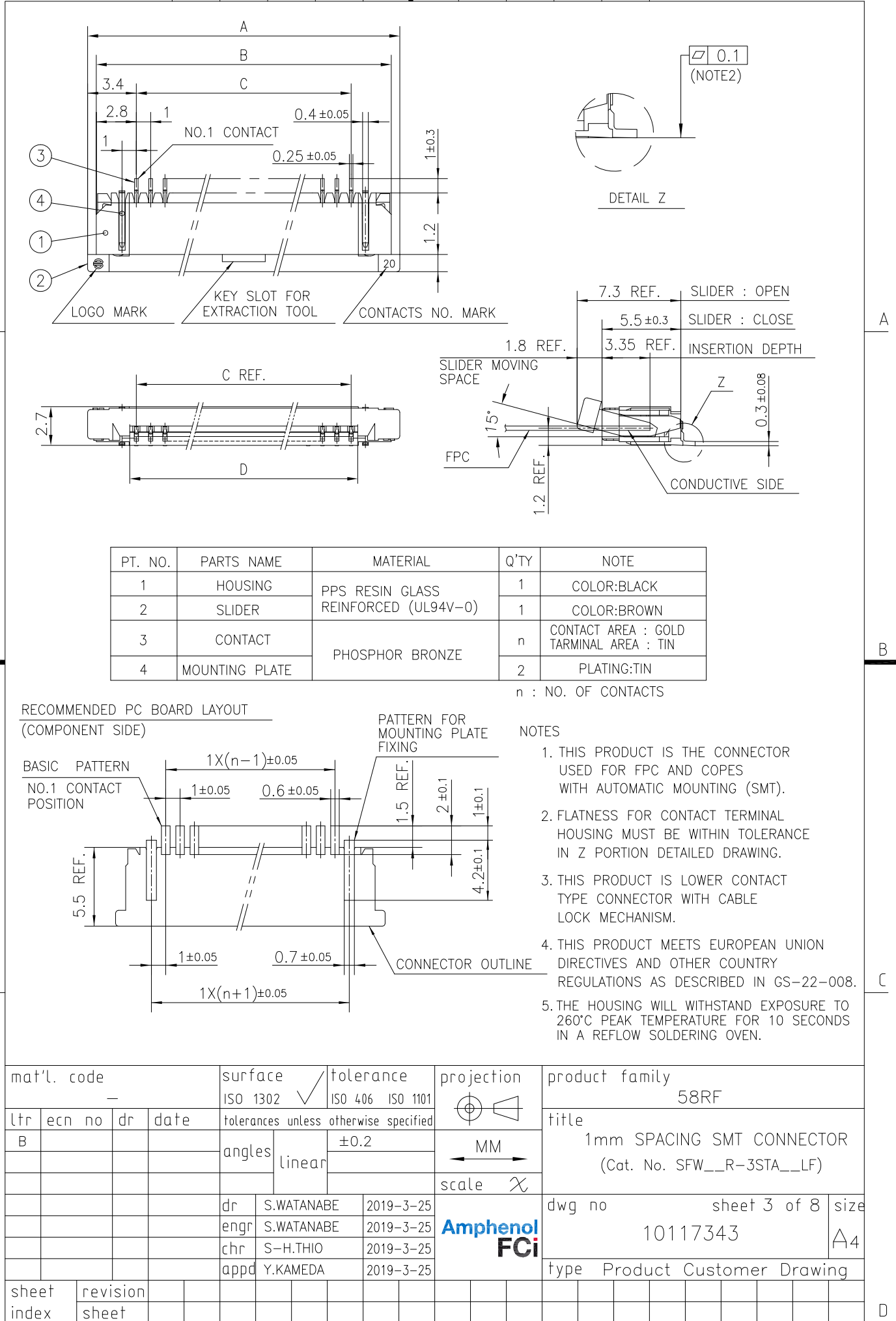
PACKAGE STYLE

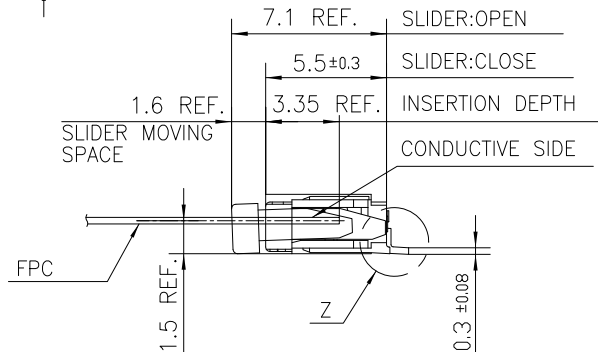
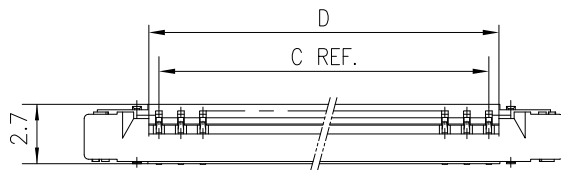
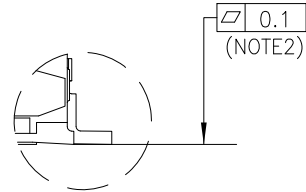
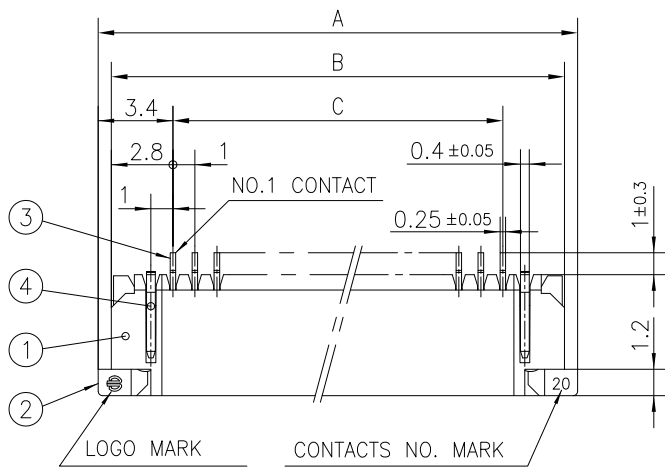
LEAD FREE

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				10117343 A4											
				chr	S-H.THIO	2019-3-25															
				appd	Y.KAMEDA	2019-3-25															
sheet index		revision sheet																			

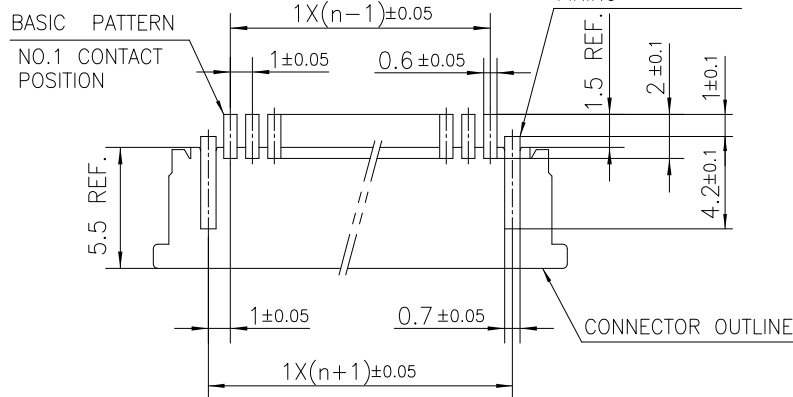




PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BLACK
2	SLIDER		1	COLOR:BROWN
3	CONTACT	PHOSPHOR BRONZE	n	CONTACT AREA : GOLD TARMINAL AREA : TIN
4	MOUNTING PLATE		2	PLATING:TIN

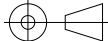
n : NO. OF CONTACTS

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 58RF									
ltr	ecn no	dr	date	tolerances unless		otherwise specified				title 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-4STA__LF)									
B				angles	linear	±0.2	scale 												
				dr	S.WATANABE	2019-3-25				dwg no				sheet 4 of 8				size	
				engr	S.WATANABE	2019-3-25				10117343				A4					
				chr	S-H.THIO	2019-3-25													
				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-3/4STAE9LF	22.4	16	—
5	SFW5R-3/4STAE9LF	30.4	24	—
6	SFW6R-3/4STAE9LF	30.4	24	—
7	SFW7R-3/4STAE9LF	30.4	24	—
8	SFW8R-3/4STAE9LF	30.4	24	—
9	SFW9R-3/4STAE9LF	30.4	24	—
10	SFW10R-3/4STAE9LF	30.4	24	—
11	SFW11R-3/4STAE9LF	30.4	24	—
12	SFW12R-3/4STAE9LF	30.4	24	—
13	SFW13R-3/4STAE9LF	38.4	32	28.4
14	SFW14R-3/4STAE9LF	38.4	32	28.4
15	SFW15R-3/4STAE9LF	38.4	32	28.4
16	SFW16R-3/4STAE9LF	38.4	32	28.4
17	SFW17R-3/4STAE9LF	50.4	44	40.4
18	SFW18R-3/4STAE9LF	50.4	44	40.4
19	SFW19R-3/4STAE9LF	50.4	44	40.4
20	SFW20R-3/4STAE9LF	50.4	44	40.4
21	SFW21R-3/4STAE9LF	50.4	44	40.4
22	SFW22R-3/4STAE9LF	50.4	44	40.4
23	SFW23R-3/4STAE9LF	50.4	44	40.4
24	SFW24R-3/4STAE9LF	50.4	44	40.4
25	SFW25R-3/4STAE9LF	50.4	44	40.4
26	SFW26R-3/4STAE9LF	50.4	44	40.4
27	SFW27R-3/4STAE9LF	50.4	44	40.4
28	SFW28R-3/4STAE9LF	62.4	56	52.4
29	SFW29R-3/4STAE9LF	62.4	56	52.4
30	SFW30R-3/4STAE9LF	62.4	56	52.4

CAT. NO.

SFW (n) R - 3 ST A E9 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)

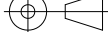
SELECTIVE GOLD PLATING

TAPE PACKAGING FOR E9
(500pcs PER 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-3/4STAE9LF)									
B				angles	linear														
								scale N/A		dwg no sheet 5 of 8 size 10117343 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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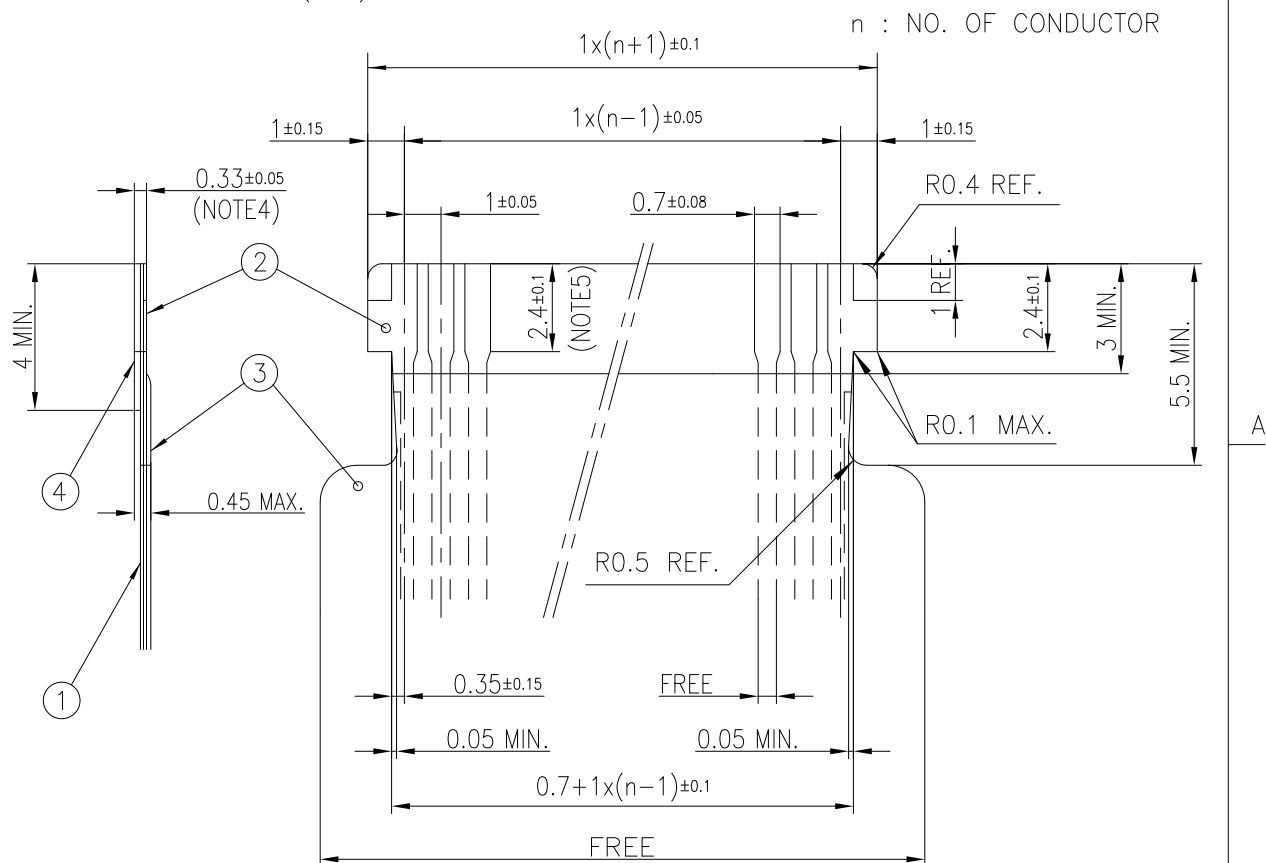


NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC 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.

form: A4-2016-02-24

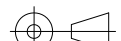
RECOMMENDED CABLE (FPC)



PT. NO.	PARTS NAME	MATERIAL	THICKNESS(um)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL (PLATING: 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 ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 58RF											
ltr	ecn no		dr	date		tolerances unless otherwise specified		 MM		title RECOMMENDED CABLE (Cat. No. SFW__R-3/4STA__)											
B						angles														linear	
								scale 5:1		dwg no sheet 8 of 8 size 10117343 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																			