



## CAT. NO. &amp; DIMENSIONS

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

CAT. NO. SFW (n) R - 3 ST \_\_ 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

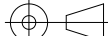


FOR AUTOMATIC MOUNTING (SMT)

PACKAGE STYLE

LEAD FREE

## NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPEs 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		 MM scale N/A		title CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3/4ST__LF)									
B				angles	linear														
				dr	S.WATANABE	2019-3-25				dwg no					sheet 2 of 8			size	
				engr	S.WATANABE	2019-3-25				10117478					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		PLATING : MATTE TIN	
4		MOUNTING PLATE				2			

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

BASIC PATTERN

NO.1 CONTACT POSITION

PATTERN FOR MOUNTING PLATE FIXING

CONNECTOR OUTLINE

NOTES

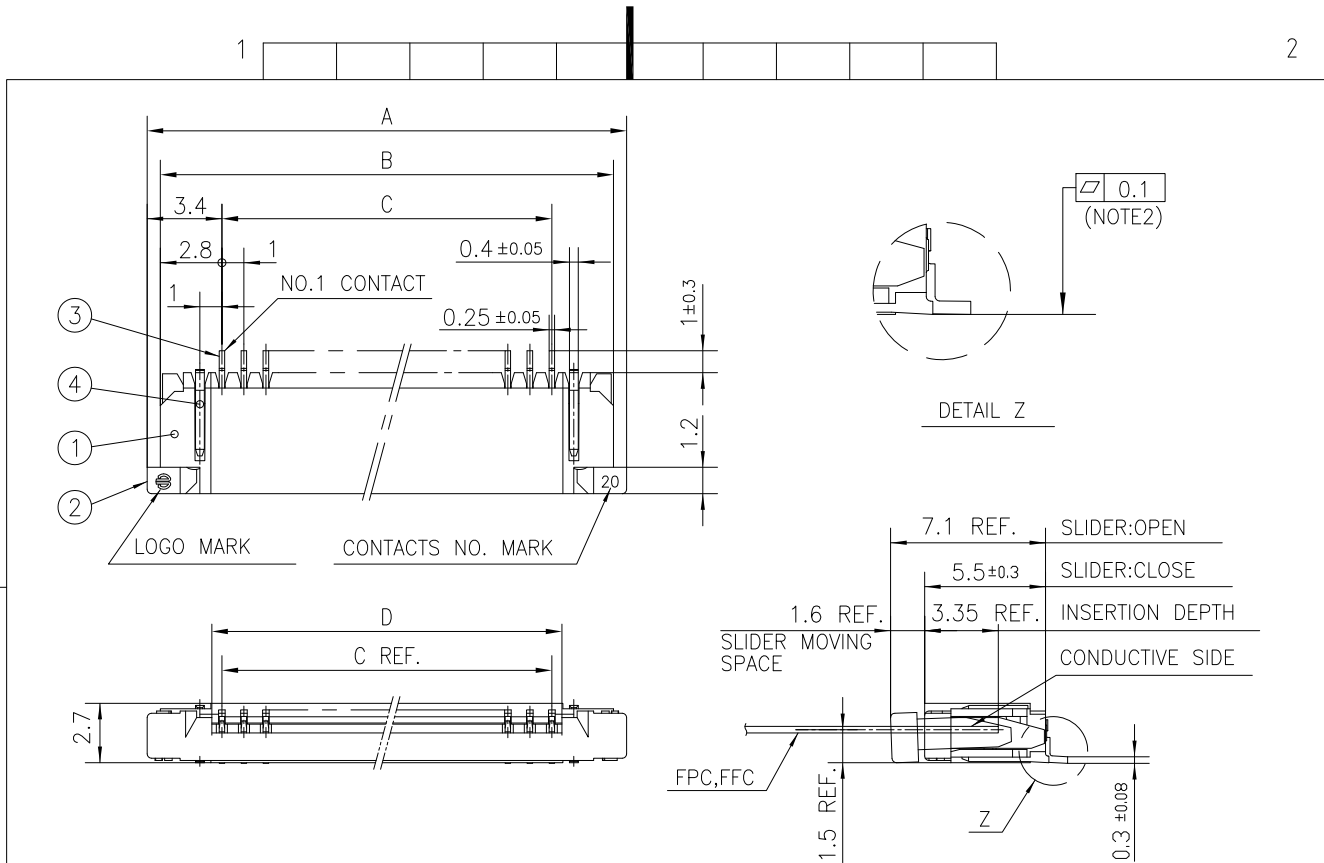
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS FOR CONTACT TERMINAL HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR WITH CABLE LOCK MECHANISM.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES 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.

mat'l. code				surface		tolerance		projection		product family			
—				ISO 1302		ISO 406 ISO 1101		MM		58RF			
ltr				ecn no		dr		date		title			
B										1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3ST__LF)			
				angles		linear		scale		dwg no			
								X		sheet 3 of 8			
				dr		S.WATANABE		2019-3-25		size			
				enr		S.WATANABE		2019-3-25		10117478			
				chr		S-H.THIO		2019-3-25		A4			
				appd		Y.KAMEDA		2019-3-25		type			
										Product Customer Drawing			
sheet index				revision sheet									

form: A4-2016-02-24

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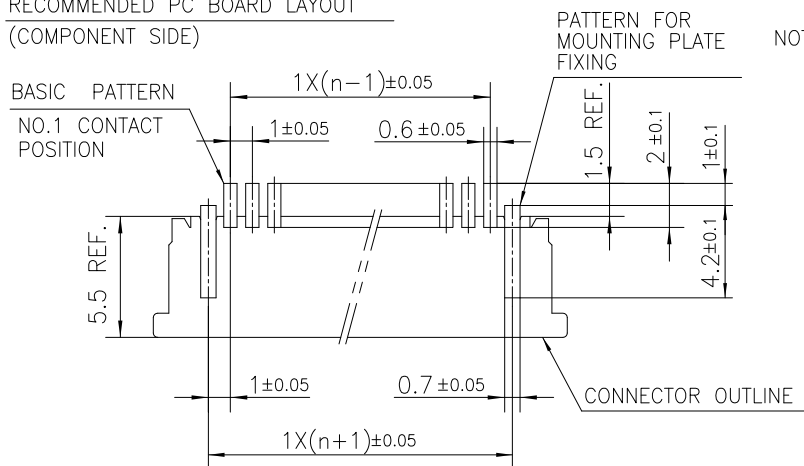
2



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 : MATTE 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 COPES 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											
B				angles		linear		±0.2		MM 		1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-4ST__LF)									
										scale ∞											
				dr	S.WATANABE		2019-3-25				dwg no				sheet 4 of 8				size		
				engr	S.WATANABE		2019-3-25				10117478				A4						
				chr	S-H.THIO		2019-3-25				type Product Customer Drawing										
				appd	Y.KAMEDA		2019-3-25														
sheet index		revision sheet																			

## CAT. NO. &amp; DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
		E MAX.	F ± 0.3	G ± 0.1
4	SFW4R-3/4STE9LF	22.4	16	—
5	SFW5R-3/4STE9LF	30.4	24	—
6	SFW6R-3/4STE9LF	30.4	24	—
7	SFW7R-3/4STE9LF	30.4	24	—
8	SFW8R-3/4STE9LF	30.4	24	—
9	SFW9R-3/4STE9LF	30.4	24	—
10	SFW10R-3/4STE9LF	30.4	24	—
11	SFW11R-3/4STE9LF	30.4	24	—
12	SFW12R-3/4STE9LF	30.4	24	—
13	SFW13R-3/4STE9LF	38.4	32	28.4
14	SFW14R-3/4STE9LF	38.4	32	28.4
15	SFW15R-3/4STE9LF	38.4	32	28.4
16	SFW16R-3/4STE9LF	38.4	32	28.4
17	SFW17R-3/4STE9LF	50.4	44	40.4
18	SFW18R-3/4STE9LF	50.4	44	40.4
19	SFW19R-3/4STE9LF	50.4	44	40.4
20	SFW20R-3/4STE9LF	50.4	44	40.4
21	SFW21R-3/4STE9LF	50.4	44	40.4
22	SFW22R-3/4STE9LF	50.4	44	40.4
23	SFW23R-3/4STE9LF	50.4	44	40.4
24	SFW24R-3/4STE9LF	50.4	44	40.4
25	SFW25R-3/4STE9LF	50.4	44	40.4
26	SFW26R-3/4STE9LF	50.4	44	40.4
27	SFW27R-3/4STE9LF	50.4	44	40.4
28	SFW28R-3/4STE9LF	62.4	56	52.4
29	SFW29R-3/4STE9LF	62.4	56	52.4
30	SFW30R-3/4STE9LF	62.4	56	52.4

CAT. NO.

SFW (n) R - 3 ST E9 LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC,  
WITH CABLE LOCK MECHANISM

CONTACT DIRECTION

3. LOWER CONTACT TYPE

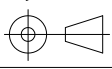


4. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING  
(SMT)TAPE PACKAGING FOR E9  
(500pcs PER REEL)

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													
—				ISO 1302		ISO 406 ISO 1101				58RF													
ltr	ecn no	dr	date	tolerances unless otherwise specified								title											
B				angles		linear				CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3/4STE9LF)													
								scale N/A		dwg no													
				dr		S.WATANABE		2019-3-25		sheet 5 of 8													
				enrg		S.WATANABE		2019-3-25		10117478													
				chr		S-H.THIO		2019-3-25		A4													
				appd		Y.KAMEDA		2019-3-25		type Product Customer Drawing													
sheet index		revision sheet																					



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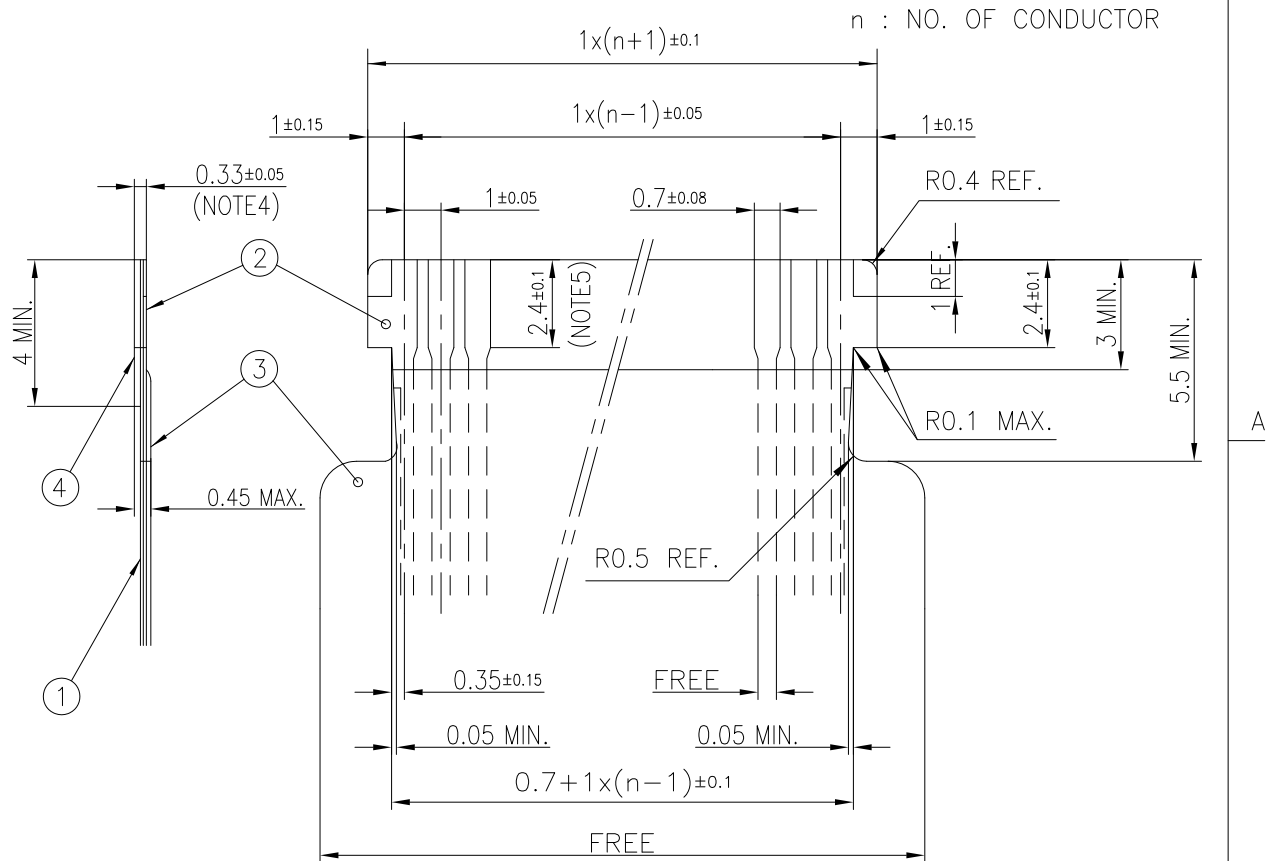


## NOTES

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## 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		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-3/4ST__)			
				dr	S.WATANABE	2019-3-25				dwg no		sheet 8 of 8	size
				engr	S.WATANABE	2019-3-25				10117478		A4	
				chr	S-H.THIO	2019-3-25							
				appd	Y.KAMEDA	2019-3-25							
sheet index		revision sheet											



# Mouser Electronics

Authorized Distributor

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