

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
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

CAT. NO.

SFW (n) R - 1 ST __ LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC, CONTACT DIRECTION

1. LOWER CONTACT TYPE
2. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING (SMT)

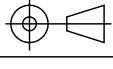
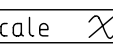
PACKAGE STYLE

LEAD FREE

NOTES

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

3. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l. code				surface 58  tolerance ISO 1302 ISO 406 ISO 1101	projection 	product family 58RF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified		title CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1/2ST__LF)	
AA	J05-0055	H.T	05-02-04	angles	linear		
AB	J06-0398	H.T	06-09-26				
AC	S08-0276	DGOH	08-08-22			scale 	
				dr	H. TAKAKURA	06-09-26	
				engr	H. TAKAKURA	06-09-26	
				chr	DENNIS GOH	08-08-22	
				appd	JOEY NG	08-08-22	
sheet index	revision	AC					
	sheet	1					

SC-SFW10 JSA95855 95856 95857 95858 95859 91605 91604

form: A4

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

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.
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.

3. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING. REVISION.

mat'l. code				surface 58		tolerance ISO 1302		projection		product family 58RF		CODE JP	
ltr				ecn no		dr		date		tolerances unless otherwise specified		title	
AA				J04-0180		H.T		04-07-02		angles		linear	
AB				J05-0055		H.T		05-02-04		linear		linear	
AC				J05-0736		H.T		05-10-28		linear		linear	
AD				J06-0398		H.T		06-09-26		dr		H. TAKAKURA	
AE				S08-0276		DGOH		08-08-22		engr		H. TAKAKURA	
										chr		DENNIS GOH	
										appd		JOEY NG	

sheet index		revision		AE														Rev. AE	
1		1		1															

SC_SFW10 JSA95854
form: A4

1										2																																												
n : NO. OF CONTACTS																																																						
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.																																																						
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.																																																						
6. A symbol will be next to any dimension, view, or note which has been modified with the current drawing revision.																																																						
mat'l. code										surface 58					tolerance ISO 1302					projection					product family 58RF					CODE JP																								
ltr										ecn no					dr					date					tolerances unless otherwise specified					mm					title																			
AA										J04-0180					H.T					04-07-02					angles					linear					1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-2ST__LF)																			
AB										J05-0055					H.T					05-02-04																																		
AC										J05-0736					H.T					05-10-28																																		
AD										J06-0398					H.T					06-09-26					dr					H. TAKAKURA					06-09-26																			
AE										S08-0276					DGOH					08-08-22					engr					H. TAKAKURA					06-09-26																			
																									chr					DENNIS GOH					08-08-22																			
																									appd					JOEY NG					08-08-22																			
sheet index										revision					AE																				dwg no					sheet 1 of 1					size									
																																								JSA 95856					A4									
																																													type					Product Customer Drawing				
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SC_SFW10										JSA95854																																												
form: A4																																																						

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
		E ± 5	F ± 0.3	G ± 0.1
4	SFW4R-1/2STE1 LF	20.4	16	—
5	SFW5R-1/2STE1 LF	28.4	24	—
6	SFW6R-1/2STE1 LF	28.4	24	—
7	SFW7R-1/2STE1 LF	28.4	24	—
8	SFW8R-1/2STE1 LF	28.4	24	—
9	SFW9R-1/2STE1 LF	28.4	24	—
10	SFW10R-1/2STE1 LF	28.4	24	—
11	SFW11R-1/2STE1 LF	28.4	24	—
12	SFW12R-1/2STE1 LF	28.4	24	—
13	SFW13R-1/2STE1 LF	36.4	32	28.4
14	SFW14R-1/2STE1 LF	36.4	32	28.4
15	SFW15R-1/2STE1 LF	36.4	32	28.4
16	SFW16R-1/2STE1 LF	36.4	32	28.4
17	SFW17R-1/2STE1 LF	48.4	44	40.4
18	SFW18R-1/2STE1 LF	48.4	44	40.4
19	SFW19R-1/2STE1 LF	48.4	44	40.4
20	SFW20R-1/2STE1 LF	48.4	44	40.4
21	SFW21R-1/2STE1 LF	48.4	44	40.4
22	SFW22R-1/2STE1 LF	48.4	44	40.4
23	SFW23R-1/2STE1 LF	48.4	44	40.4
24	SFW24R-1/2STE1 LF	48.4	44	40.4
25	SFW25R-1/2STE1 LF	48.4	44	40.4
26	SFW26R-1/2STE1 LF	48.4	44	40.4
27	SFW27R-1/2STE1 LF	48.4	44	40.4
28	SFW28R-1/2STE1 LF	60.4	56	52.4
29	SFW29R-1/2STE1 LF	60.4	56	52.4
30	SFW30R-1/2STE1 LF	60.4	56	52.4

CAT. NO.

SFW (n) R - 1 ST E1 LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC, CONTACT DIRECTION

1. LOWER CONTACT TYPE
2. UPPER CONTACT TYPE

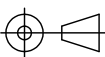
FOR AUTOMATIC MOUNTING (SMT)

TAPE PACKAGING

LEAD FREE

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPE WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS E~G.
4. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l. code				surface 58  tolerance ISO 1302 ISO 406 ISO 1101	projection 	product family 58RF	CODE JP
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-1/2STE1 LF)	
AA	J05-0055	H.T	05-02-04	angles	linear		
AB	J06-0398	H.T	06-09-26			dwg no sheet 1 of 1 size JSA 95857 A4	
AC	S08-0276	DGOH	08-08-22				
				dr	H. TAKAKURA	06-09-26	
				engr	H. TAKAKURA	06-09-26	
				chr	DENNIS GOH	08-08-22	
				appd	JOEY NG	08-08-22	
sheet index	revision	AC					Rev. AC
	sheet	1					

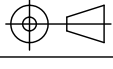
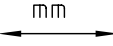
SC_SFW10 JSA95854 95858 95859

form: A4

PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR:WHITE/GREY
2	PLASTIC (EMBOSS) TAPE	_____	PET	_____	COLOR:TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR:TRANSPARENCY
4	CONNECTOR	SFW__R-1ST__LF	SEE ATTACHED DWG.	2000	LOWER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND CYPES 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.
4. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l. code				surface 58  tolerance ISO 1302 ISO 406 ISO 1101		projection 		product family 58RF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title			
AA	J05-0055	H.T	05/02/04	angles	linear	mm		PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1STE1 LF)			
AB	J06-0398	H.T	06/09/26	±5°		scale 		dwg no sheet 1 of 1 size			
AC	S08-0276	DGOH	08-08-22	±5°				JSA 95858 A4			
				dr	H. TAKAKURA	06-09-26			type Product Customer Drawing		
				enr	H. TAKAKURA	06-09-26					
				chr	DENNIS GOH	08-08-22					
				appd	JOEY NG	08-08-22					
sheet index		revision	AC								Rev. AC
sheet 1											

SC_SFW10 JSA95857
form: A4

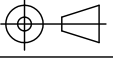
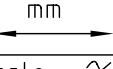


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PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR:WHITE/GREY
2	PLASTIC (EMBOSS) TAPE	_____	PET	_____	COLOR:TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR:TRANSPARENCY
4	CONNECTOR	SFW__R-2ST__LF	SEE ATTACHED DWG.	2000	UPPER CONTACT TYPE

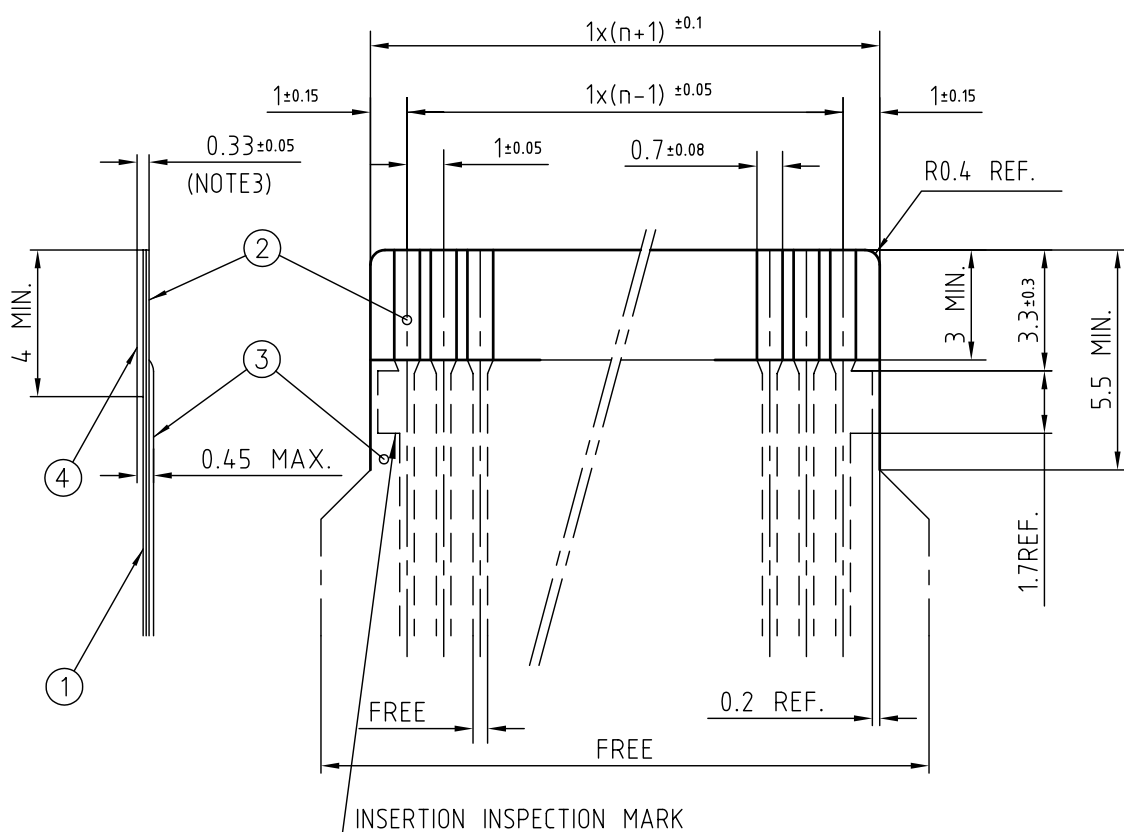
NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND CYPES 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.
4. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l. code				surface	58	tolerance	projection	product family	58RF	CODE	JP	
				ISO 1302	58	ISO 406						
				tolerances unless otherwise specified								
ltr	ecn no	dr	date	angles	linear	±5	mm	title				
AA	J05-0055	H.T	05-02-04					PLASTIC TAPE PACKAGED				
AB	J06-0398	H.T	06-09-26					1mm SPACING SMT CONNECTOR				
AC	S08-0276	DGOH	08-08-22	±5°			scale	(Cat. No. SFW__R-2STE1 LF)				
				dr	H. TAKAKURA	06-09-26		dwg no			sheet 1 of 1	size
				enr	H. TAKAKURA	06-09-26		JSA 95859				A4
				chr	DENNIS GOH	08-08-22						
				appd	JOEY NG	08-08-22						
sheet index		revision	AC							Rev. AC		
sheet		1										

SC_SFW10 JSA95857
form: A4

n : NO. OF CONDUCTOR



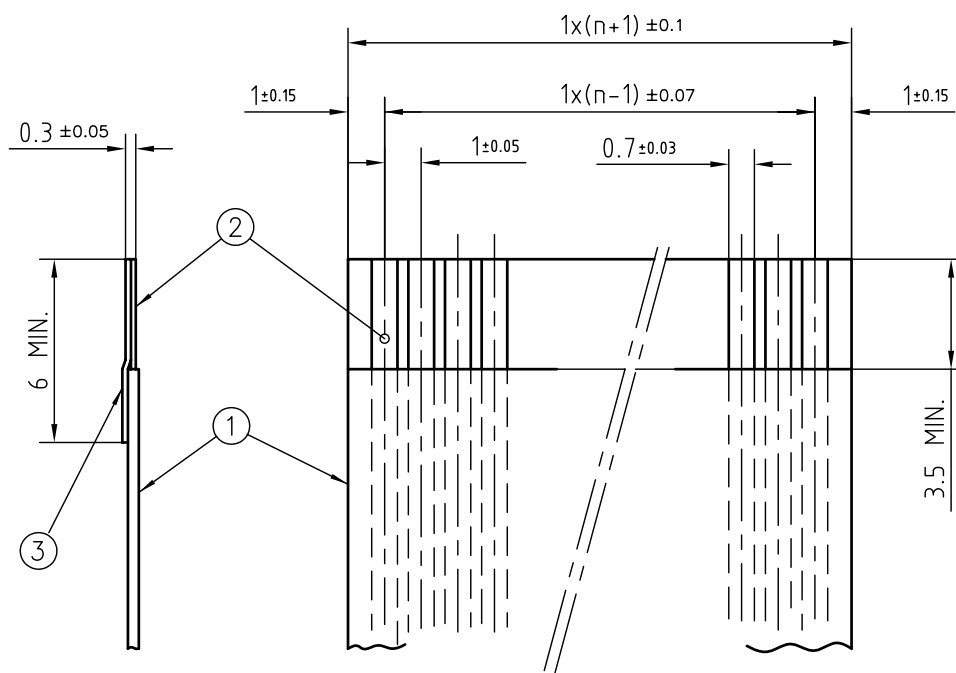
PT. NO.	PARTS NAME	MATERIAL	THICKNESS (μm)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL(PLATING:SOLDER 1μm MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.
4. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

[illegible]

RECOMMENDED CABLE (FFC)

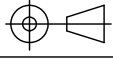
n : NO. OF CONDUCTOR



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.
3. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l. code				surface 58  tolerance ISO 1302 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____)	
AA	J05-0055	H.T	05-02-04	angles	linear		
AB	J06-0398	H.T	06-09-26				
AC	S08-0276	DGOH	08-08-22				
				dr	H. TAKAKURA	06-09-26	dwg no JSA 91604 sheet 1 of 1 size A4
				engr	H. TAKAKURA	06-09-26	
				chr	DENNIS GOH	08-08-22	
				appd	JOEY NG	08-08-22	
sheet index	revision	AC					type Product Customer Drawing
	sheet	1					
							Rev. AC

form: A4

1

2

PDM: Rev:AC

STATUS:Released

Printed: Jun 02, 2010