

List of "SFW\_\_R-3/4STE9LF" customer document

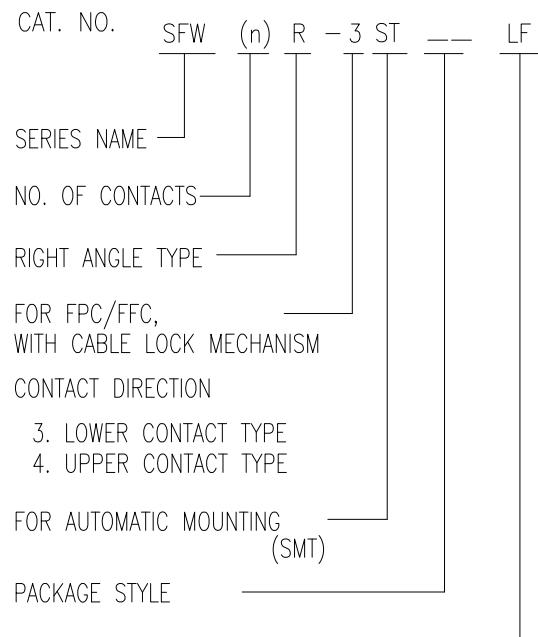
DOCUMENT NO.	LIST
SC-SFW11	SPEC.
10117478 Sheet2	CAT.NO.TABLE FOR 1mm CONTACT SPACING SMT CONNECTOR (SFW__R-3/4ST__LF)
10117478 Sheet3	1mm SPACING SMT CONNECTOR (SFW__R-3ST__LF)
10117478 Sheet4	1mm SPACING SMT CONNECTOR (SFW__R-4ST__LF)
10117478 Sheet5	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3/4STE9LF)
10117478 Sheet6	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3STE9LF)
10117478 Sheet7	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-4STE9LF)
10117478 Sheet8	RECOMMENDED CABLE (FPC) (SFW__R-3/4ST__)
GS-20-130	HANDLING PROCEDURES

mat'l. code				surface			tolerance		projection	product family	
ltr	ecn no	dr	date	ISO 1302			✓	ISO 406	ISO 1101	58RF	
A	J11-0050	S.W	2011-2-17	tolerances unless otherwise specified						title	
B	ELX-J-32994	S.W	2019-3-25	angles	linear					1mm SPACING FPC	
										CONNECTOR DOCUMENT LIST	
				dr	S.WATANABE		2019-3-25			(Cat. No. : SFW__R-3/4STE9LF)	
				engr	S.WATANABE		2019-3-25				
				chr	S-H.THIO		2019-3-25				
				appd	Y.KAMEDA		2019-3-25				
sheet index	revision	B	B	B	B	B	B	B	B	dwg no	
	sheet	1	2	3	4	5	6	7	8	sheet 1 of 8	

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## 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



## NOTES

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

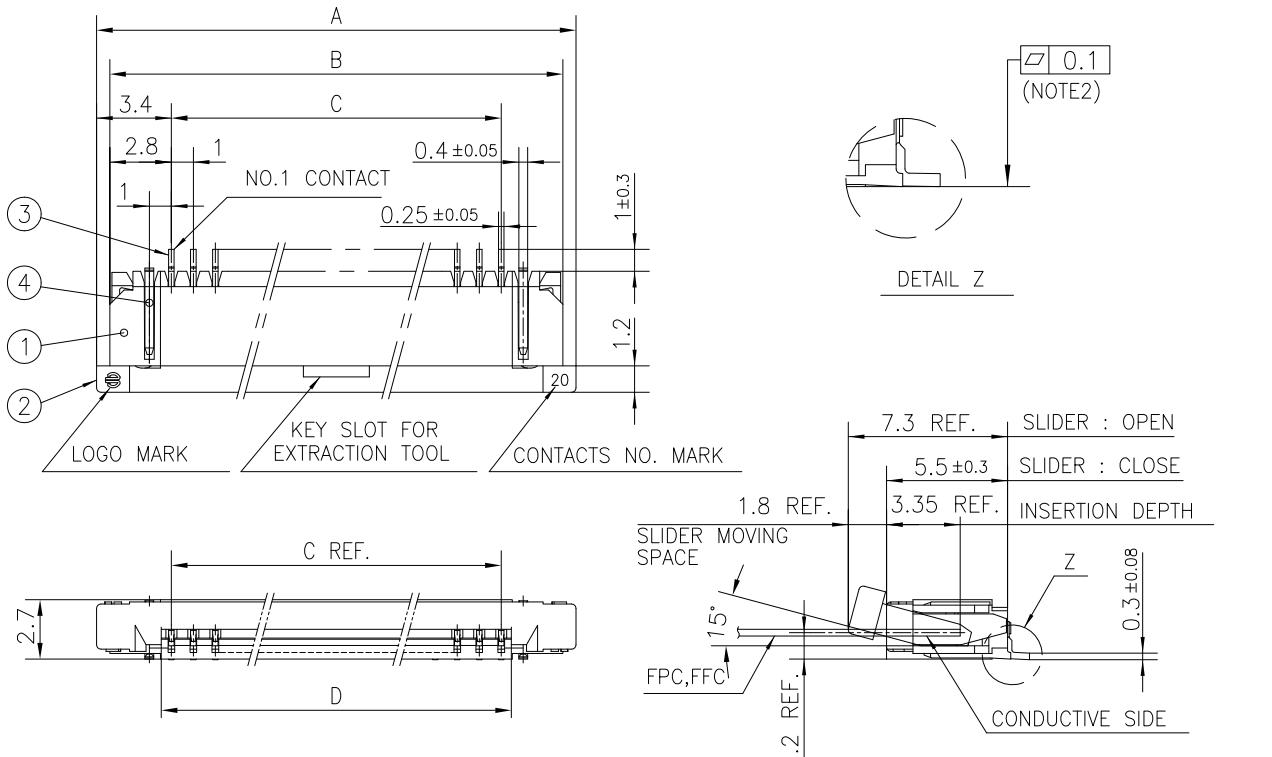
mat'l. code		surface		tolerance		projection	product family	
ltr	ecn no	dr	date	ISO 1302	✓	ISO 406	ISO 1101	58RF
B				angles		linear		
				dr	S.WATANABE	2019-3-25		
				engr	S.WATANABE	2019-3-25		
				chr	S-H.THIO	2019-3-25		
				appd	Y.KAMEDA	2019-3-25		
sheet	revision						dwg no	
	index	sheet					sheet 2 of 8	

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CAT NO. TABLE FOR  
1mm SPACING SMT CONNECTOR  
(Cat. No. SFW\_\_R-3/4ST\_\_LF)

dwg no 10117478 size A4

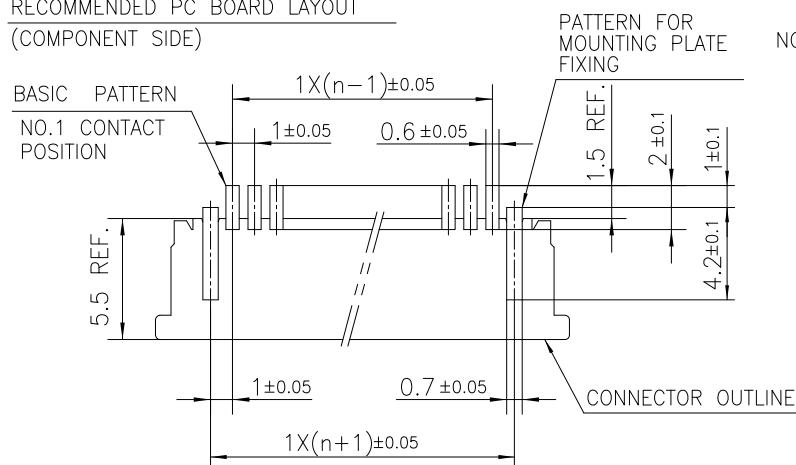
type Product Customer Drawing



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

n : NO. OF CONTACTS

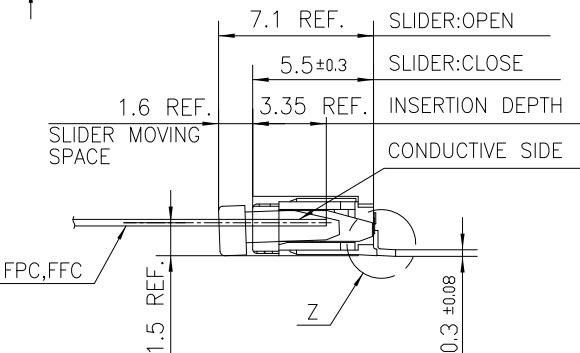
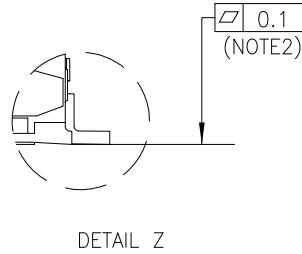
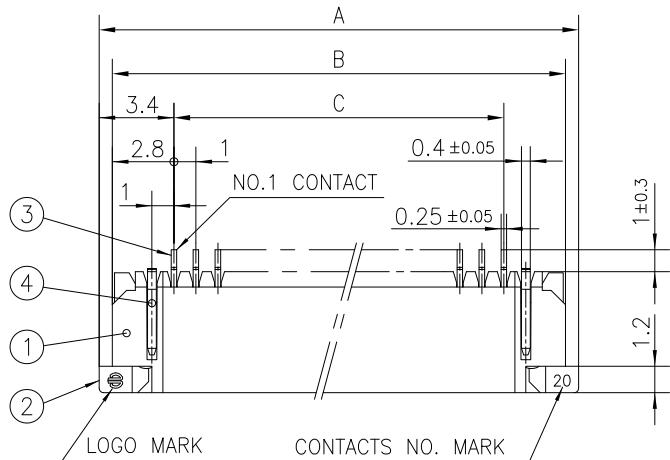
**RECOMMENDED PC BOARD LAYOUT**  
(COMPONENT SIDE)



## NOTES

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

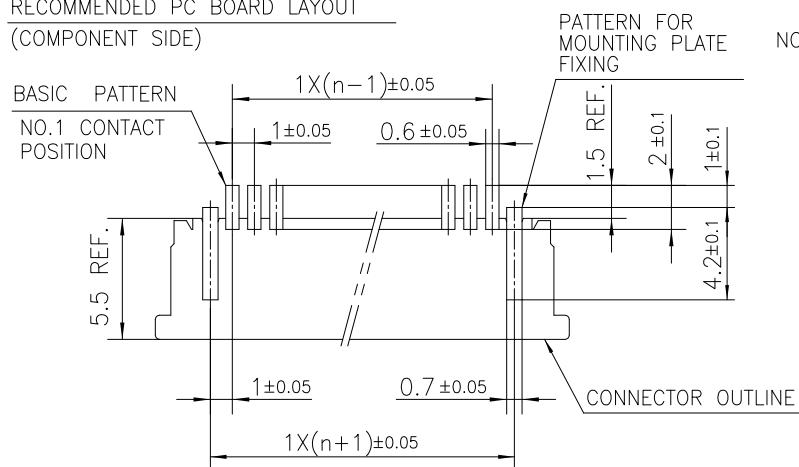
mat'l. code		surface		tolerance		projection	product family
—	—	ISO 1302	✓	ISO 406	ISO 1101		58RF
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
B				angles	linear	±0.2	1mm SPACING SMT CONNECTOR
							(Cat. No. SFW__R-3ST__LF)
		dr	S.WATANABE	2019-3-25			dwg no
		engr	S.WATANABE	2019-3-25			sheet 3 of 8
		chr	S-H.THIO	2019-3-25			size
		appd	Y.KAMEDA	2019-3-25			A4
sheet		revision					type
index		sheet					Product Customer Drawing



PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS	1	COLOR : BLACK
2	SLIDER	REINFORCED (UL94V-0)	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 COPIES 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		tolerance			projection	product family	
ltr	ecn no	dr	date	ISO 1302			ISO 406	ISO 1101	58RF
				angles	linear	±0.2			
B							MM		
							scale	X	
				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			
sheet		revision							
index		sheet							

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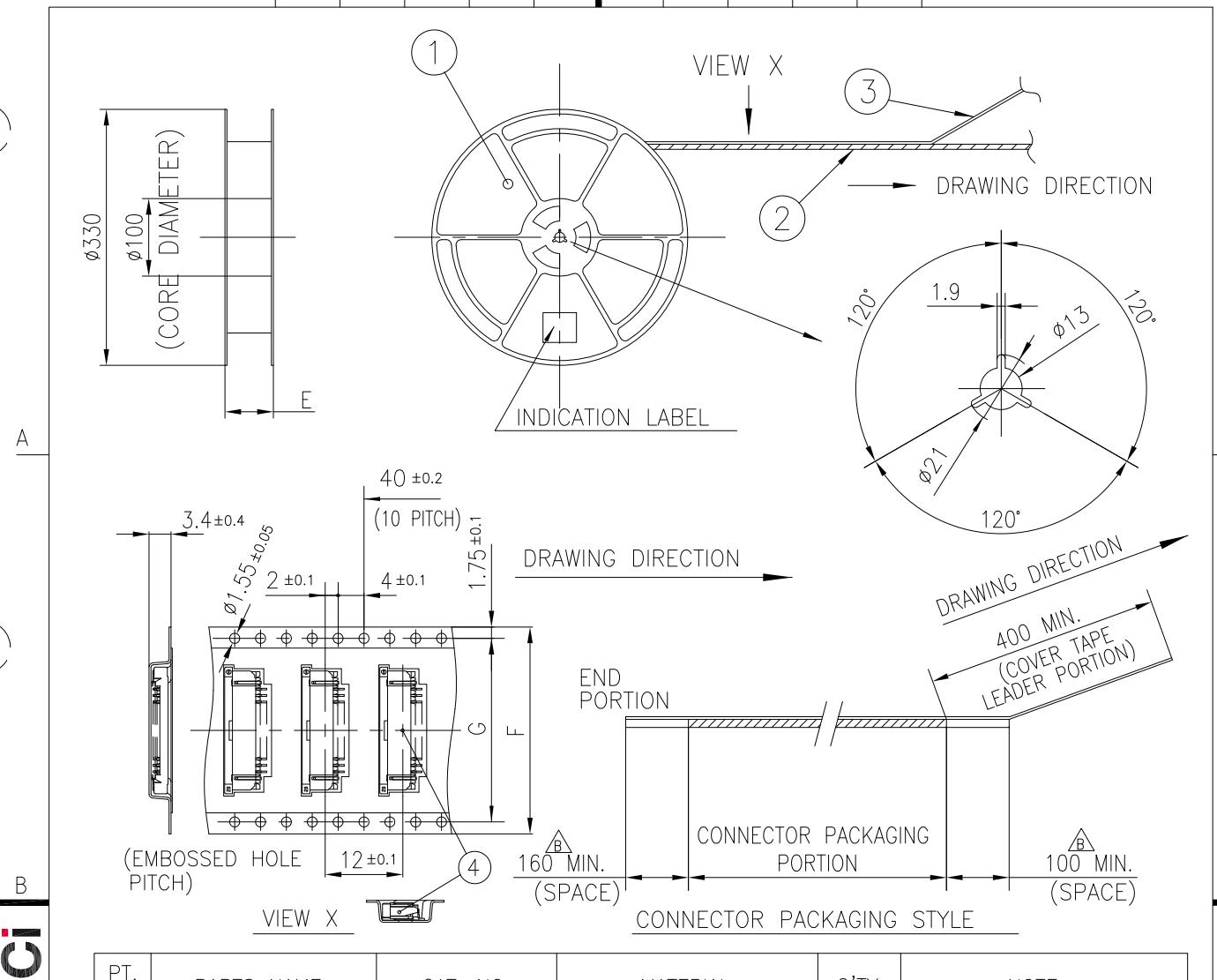
## CAT. NO. &amp; DIMENSIONS

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

## NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPIES 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		tolerance		projection	product family	
—		ISO 1302		✓	ISO 406 ISO 1101		58RF	
ltr	ecn no	dr	date	tolerances unless otherwise specified				
B				angles				
					linear			
						scale N/A		
		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				
sheet index	revision sheet							
D	sheet index	revision sheet						

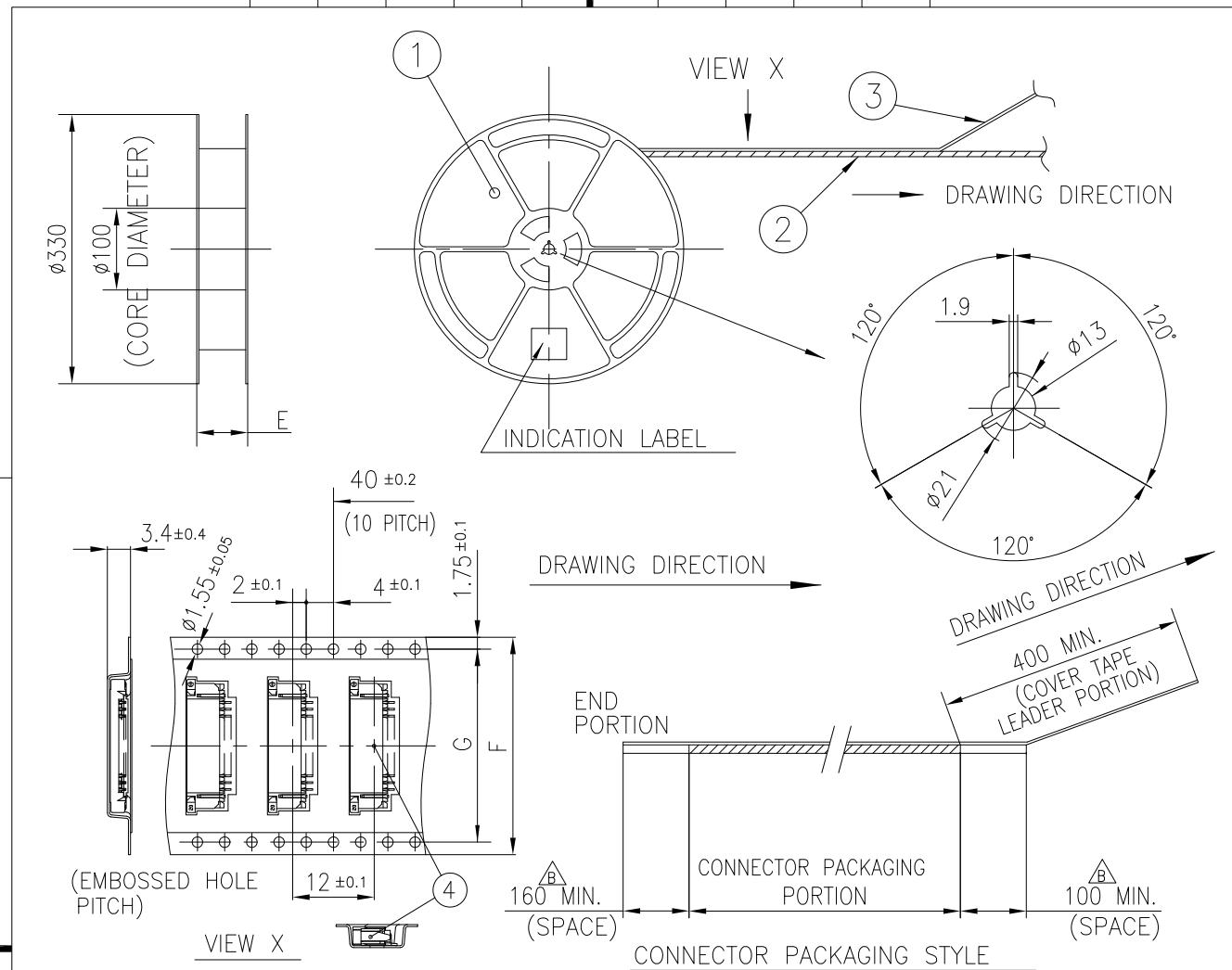


PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	POLYSTYRENE	1	COLOR : WHITE or BLACK
2	PLASTIC (EMBOSS) TAPE	_____	△ PS or A-PET	—	COLOR:TRANSPARENCY
3	COVER	_____	△ POLYESTER,POLYETHYLENE	—	COLOR:TRANSPARENCY
4	CONNECTOR	SFW_R-3ST_LF	SEE SHEET 3	500	LOWER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC/FFC AND COPIES 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 ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection	product family 58RF
ltr	ecn no	dr	date	tolerances unless otherwise specified			
B				angles	linear	±5	title PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW_R-3STE9LF)
				±5°			scale N/A
				dr	S.WATANABE	2019-3-25	dwg no sheet 6 of 8
				engr	S.WATANABE	2019-3-25	size A4
				chr	S-H.THIO	2019-3-25	
				appd	Y.KAMEDA	2019-3-25	
sheet index		revision sheet		Amphenol FCi			
type Product Customer Drawing							



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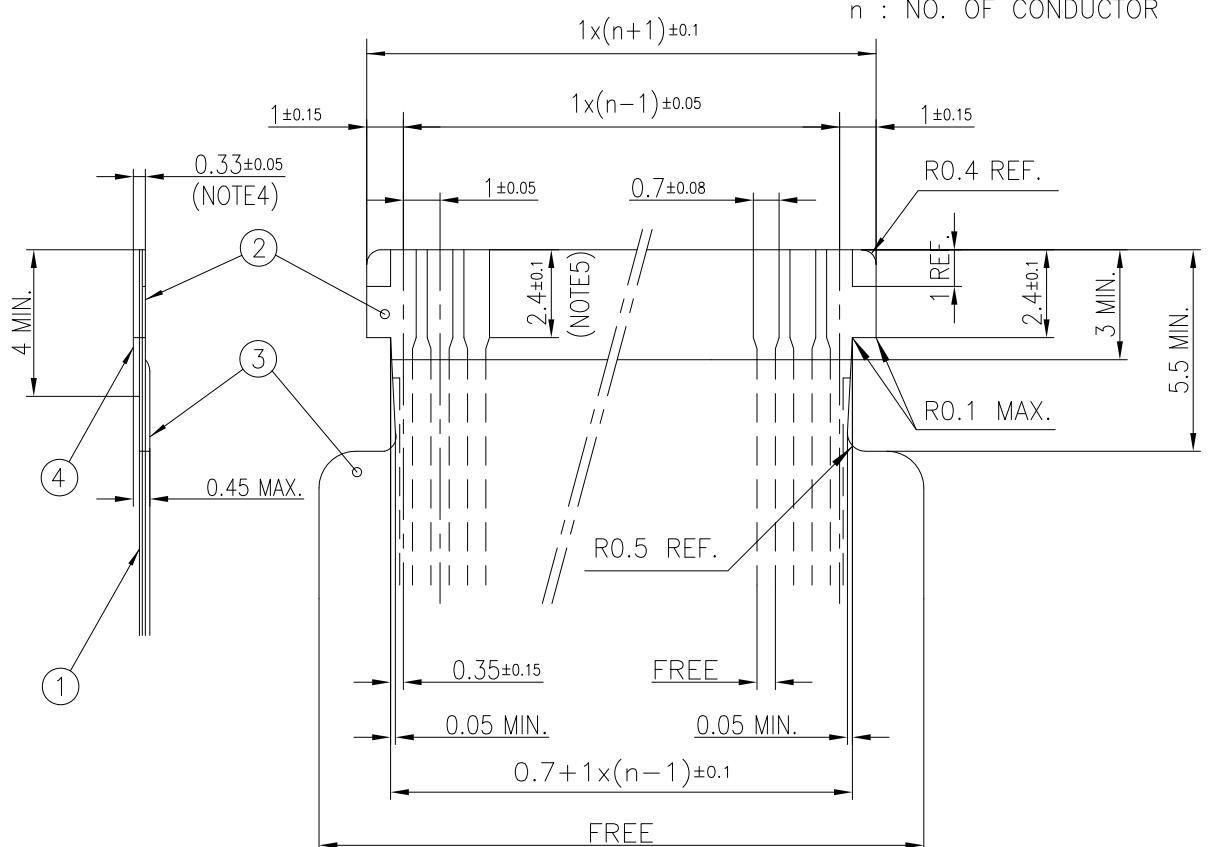
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	POLYSTYRENE	1	COLOR : WHITE or BLACK
2	PLASTIC (EMBOSS) TAPE	_____	△ PS or A-PET	—	COLOR:TRANSPARENCY
3	COVER	_____	△ POLYESTER,POLYETHYLENE	—	COLOR:TRANSPARENCY
4	CONNECTOR	SFW_R-4ST_LF	SEE SHEET 4	500	UPPER CONTACT TYPE

## NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC/FFC AND COPIES 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 ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection	product family 58RF			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW_R-4STE9LF)			
B				angles	linear	±5	MM			
				±5°			scale N/A			
				dr	S.WATANABE	2019-3-25	dwg no sheet 7 of 8			
				engr	S.WATANABE	2019-3-25	size A4			
				chr	S-H.THIO	2019-3-25	Amphenol FCi			
				appd	Y.KAMEDA	2019-3-25	type Product Customer Drawing			
sheet index	revision sheet									

## 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  $0.7 \pm 0.08$  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
B				angles	linear	MM	RECOMMENDED CABLE (Cat. No. SFW_R-3/4ST_)
						scale 5:1	
		dr	S.WATANABE	2019-3-25			dwg no sheet 8 of 8
		engr	S.WATANABE	2019-3-25			size A4
		chr	S-H.THIO	2019-3-25			
		appd	Y.KAMEDA	2019-3-25			
sheet index		revision sheet				type Product Customer Drawing	

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol](#):

[SFW12R-4STE5LF](#) [SFW20R-4STE5LF](#) [SFW5R-4STE5LF](#)