

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-5/6STZ__LF	9.8	8.6	3.0	5.3
5	SFW5R-5/6STZ__LF	10.8	9.6	4.0	6.3
6	SFW6R-5/6STZ__LF	11.8	10.6	5.0	7.3
7	SFW7R-5/6STZ__LF	12.8	11.6	6.0	8.3
8	SFW8R-5/6STZ__LF	13.8	12.6	7.0	9.3
9	SFW9R-5/6STZ__LF	14.8	13.6	8.0	10.3
10	SFW10R-5/6STZ__LF	15.8	14.6	9.0	11.3
11	SFW11R-5/6STZ__LF	16.8	15.6	10.0	12.3
12	SFW12R-5/6STZ__LF	17.8	16.6	11.0	13.3
13	SFW13R-5/6STZ__LF	18.8	17.6	12.0	14.3
14	SFW14R-5/6STZ__LF	19.8	18.6	13.0	15.3
15	SFW15R-5/6STZ__LF	20.8	19.6	14.0	16.3
16	SFW16R-5/6STZ__LF	21.8	20.6	15.0	17.3
17	SFW17R-5/6STZ__LF	22.8	21.6	16.0	18.3
18	SFW18R-5/6STZ__LF	23.8	22.6	17.0	19.3
19	SFW19R-5/6STZ__LF	24.8	23.6	18.0	20.3
20	SFW20R-5/6STZ__LF	25.8	24.6	19.0	21.3
21	SFW21R-5/6STZ__LF	26.8	25.6	20.0	22.3
22	SFW22R-5/6STZ__LF	27.8	26.6	21.0	23.3
23	SFW23R-5/6STZ__LF	28.8	27.6	22.0	24.3
24	SFW24R-5/6STZ__LF	29.8	28.6	23.0	25.3
25	SFW25R-5/6STZ__LF	30.8	29.6	24.0	26.3
26	SFW26R-5/6STZ__LF	31.8	30.6	25.0	27.3
27	SFW27R-5/6STZ__LF	32.8	31.6	26.0	28.3
28	SFW28R-5/6STZ__LF	33.8	32.6	27.0	29.3
29	SFW29R-5/6STZ__LF	34.8	33.6	28.0	30.3
30	SFW30R-5/6STZ__LF	35.8	34.6	29.0	31.3

CAT. NO.

SFW (n) R - 5 ST Z __ LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR CIC, CONTACT DIRECTION

5. LOWER CONTACT TYPE

6. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING (SMT)

VARIATION

PACKAGE STYLE

LEAD FREE

NOTES

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

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 58RF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm		title CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.NO. SFW__R-5/6STZ__LF)			
A	J07-0086	H.T.	2/5/07	angles		linear		scale		dwg no		sheet 1 of 1	
										JSA 97270		size A4	
				dr		2/8/07				type Product Customer Drawing			
				enrg		2/5/07							
				chr		2/7/07							
				appd		2/7/07							
sheet index		revision		A								Rev. A	
sheet		1											

SC-SFW12 JSA97271 97272 97273 97274 97275 91675
form: A4

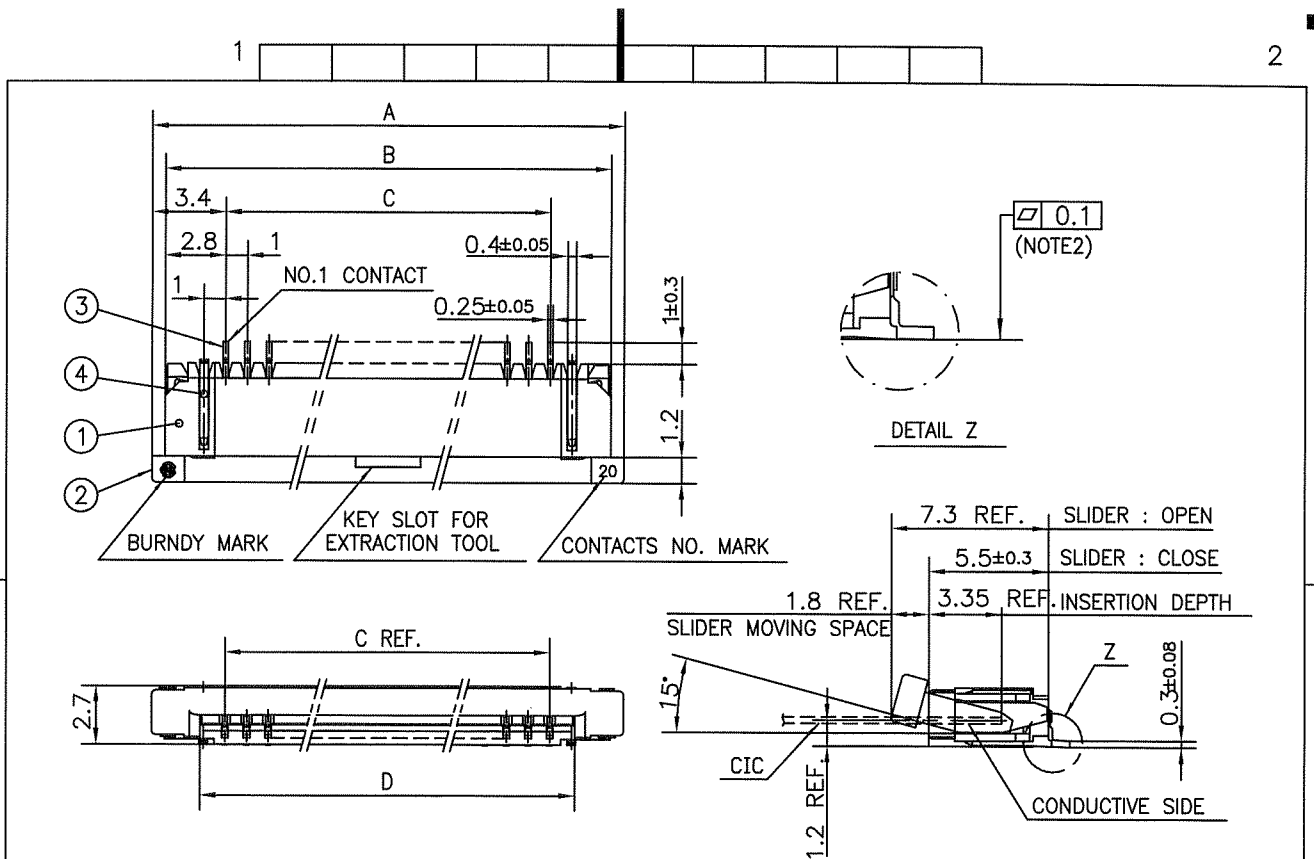
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2

PDM: Rev:A

STATUS Released

Printed: Jul 06, 2009



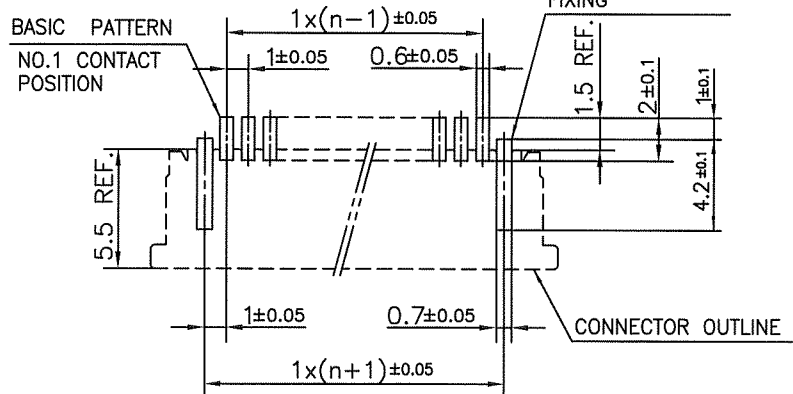
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BROWN
2	SLIDER		1	COLOR:BEIGE
3	CONTACT	PHOSPHOR BRONZE	n	PLATING:THIN TIN
4	MOUNTING PLATE		2	PLATING:TIN

n : NO. OF CONTACTS

NOTES

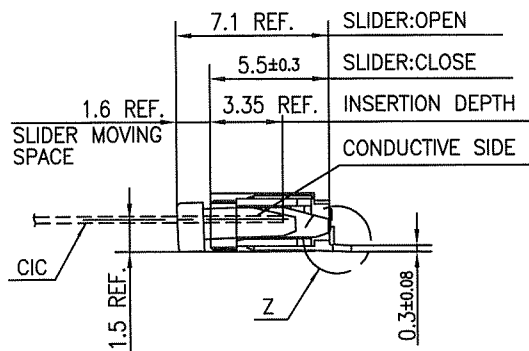
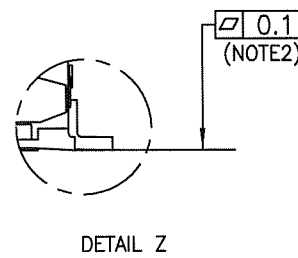
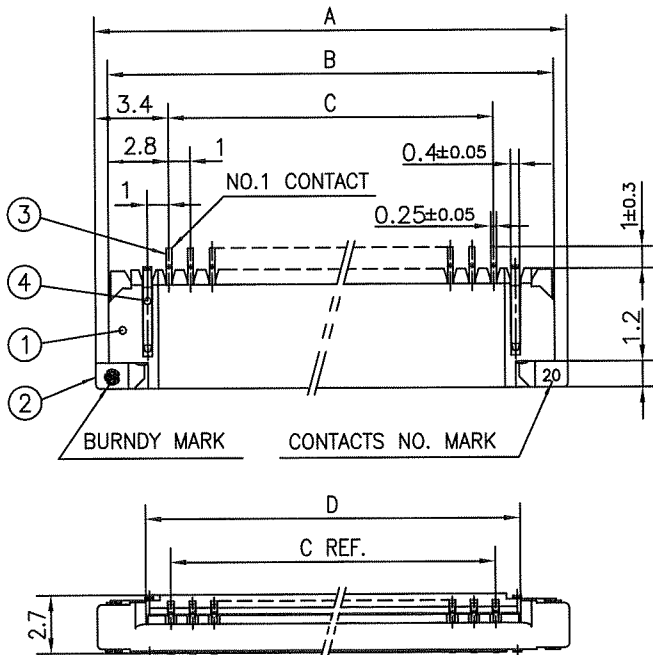
1. THIS PRODUCT IS THE CONNECTOR USED FOR CIC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS FOR CONTACT TERMINAL HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS 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.

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)



mat'l. code				surface	tolerance	projection	product family	58RF	CODE
				ISO 1302	ISO 406				JP
				ISO 1101					
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title		
A	J07-0086	H.T	2/5/07	angles	linear				
							1mm SPACING SMT CONNECTOR		
							(Cat. No. SFW__R-5STZ__LF)		
				dr	2/5/07	FCI	dwg no	sheet 1 of 1	size
				enr	2/5/07		JSA 97271		A4
				chr	2/3/07				
				appd	2/2/07				
sheet index	revision	A					type Product Customer Drawing		
	sheet	1							Rev. A

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form: A4



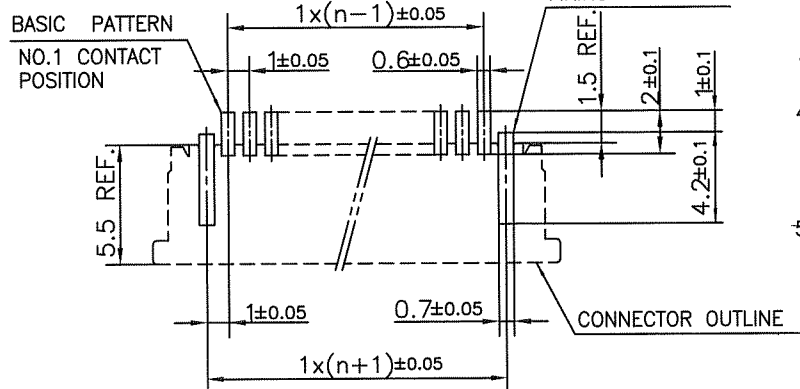
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BROWN
2	SLIDER		1	COLOR:BEIGE
3	CONTACT	PHOSPHOR BRONZE	n	PLATING:THIN TIN
4	MOUNTING PLATE		2	PLATING:TIN

n : NO. OF CONTACTS

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR CIC 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 DISCRIBED IN GS-22-008
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)



mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 58RF		CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		scale		title		
A	J07-0086	H.T	2/5/07	angles linear		mm		X		1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-6STZ__LF)		
				dr	2/5/07					dwg no		sheet 1 of 1
				enr	2/5/07					JSA 97272		A4
				chr	2/7/07					type Product Customer Drawing		
				appd	2/7/07							
sheet index	revision	A	1									Rev A

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CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
		E ± 5	F ± 0.3	G ± 0.1
4	SFW4R-5/6STZE1LF	20.4	16	—
5	SFW5R-5/6STZE1LF	28.4	24	—
6	SFW6R-5/6STZE1LF	28.4	24	—
7	SFW7R-5/6STZE1LF	28.4	24	—
8	SFW8R-5/6STZE1LF	28.4	24	—
9	SFW9R-5/6STZE1LF	28.4	24	—
10	SFW10R-5/6STZE1LF	28.4	24	—
11	SFW11R-5/6STZE1LF	28.4	24	—
12	SFW12R-5/6STZE1LF	28.4	24	—
13	SFW13R-5/6STZE1LF	36.4	32	28.4
14	SFW14R-5/6STZE1LF	36.4	32	28.4
15	SFW15R-5/6STZE1LF	36.4	32	28.4
16	SFW16R-5/6STZE1LF	36.4	32	28.4
17	SFW17R-5/6STZE1LF	48.4	44	40.4
18	SFW18R-5/6STZE1LF	48.4	44	40.4
19	SFW19R-5/6STZE1LF	48.4	44	40.4
20	SFW20R-5/6STZE1LF	48.4	44	40.4
21	SFW21R-5/6STZE1LF	48.4	44	40.4
22	SFW22R-5/6STZE1LF	48.4	44	40.4
23	SFW23R-5/6STZE1LF	48.4	44	40.4
24	SFW24R-5/6STZE1LF	48.4	44	40.4
25	SFW25R-5/6STZE1LF	48.4	44	40.4
26	SFW26R-5/6STZE1LF	48.4	44	40.4
27	SFW27R-5/6STZE1LF	48.4	44	40.4
28	SFW28R-5/6STZE1LF	60.4	56	52.4
29	SFW29R-5/6STZE1LF	60.4	56	52.4
30	SFW30R-5/6STZE1LF	60.4	56	52.4

CAT. NO.

SFW (n) R - 5 ST Z E1 LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR CIC CONTACT DIRECTION

5. LOWER CONTACT TYPE

6. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING (SMT)

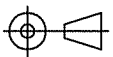
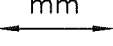
VARIATION

TAPE PACKAGING

LEAD FREE

NOTES

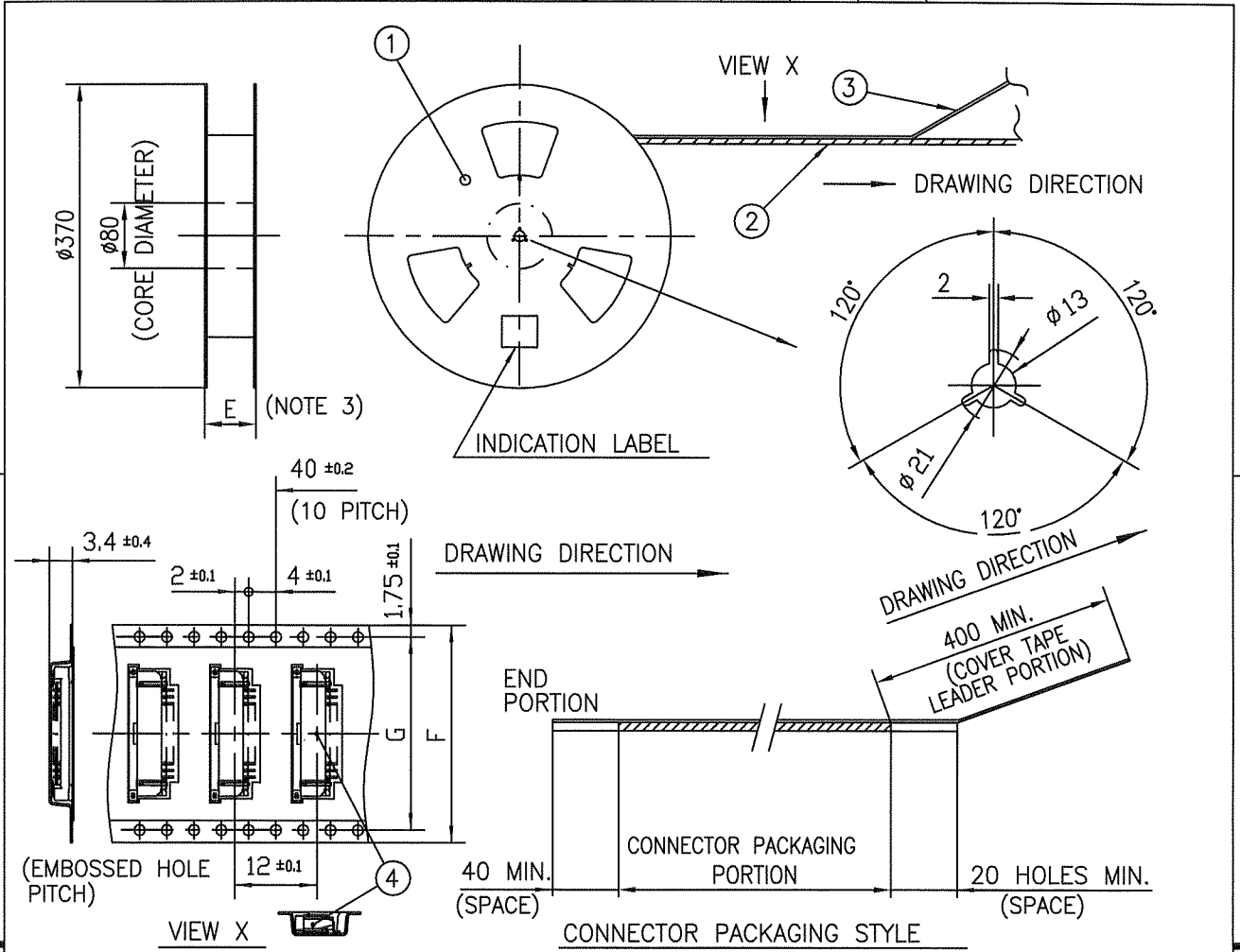
1. THIS PRODUCT IS THE CONNECTOR USED FOR CIC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS E~G.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 58RF				CODE JP			
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm 		title CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CAT.NO. SFW__R-5/6STZE1LF)							
A	J07-0086	H.T.	2/5/07	angles linear													
				dr		engr				dwg no				sheet 1 of 1		size	
				chr		appd				JSA 97273						A4	
										type Product Customer Drawing							
sheet index		revision A		sheet 1												Rev. A	

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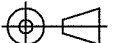
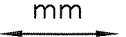
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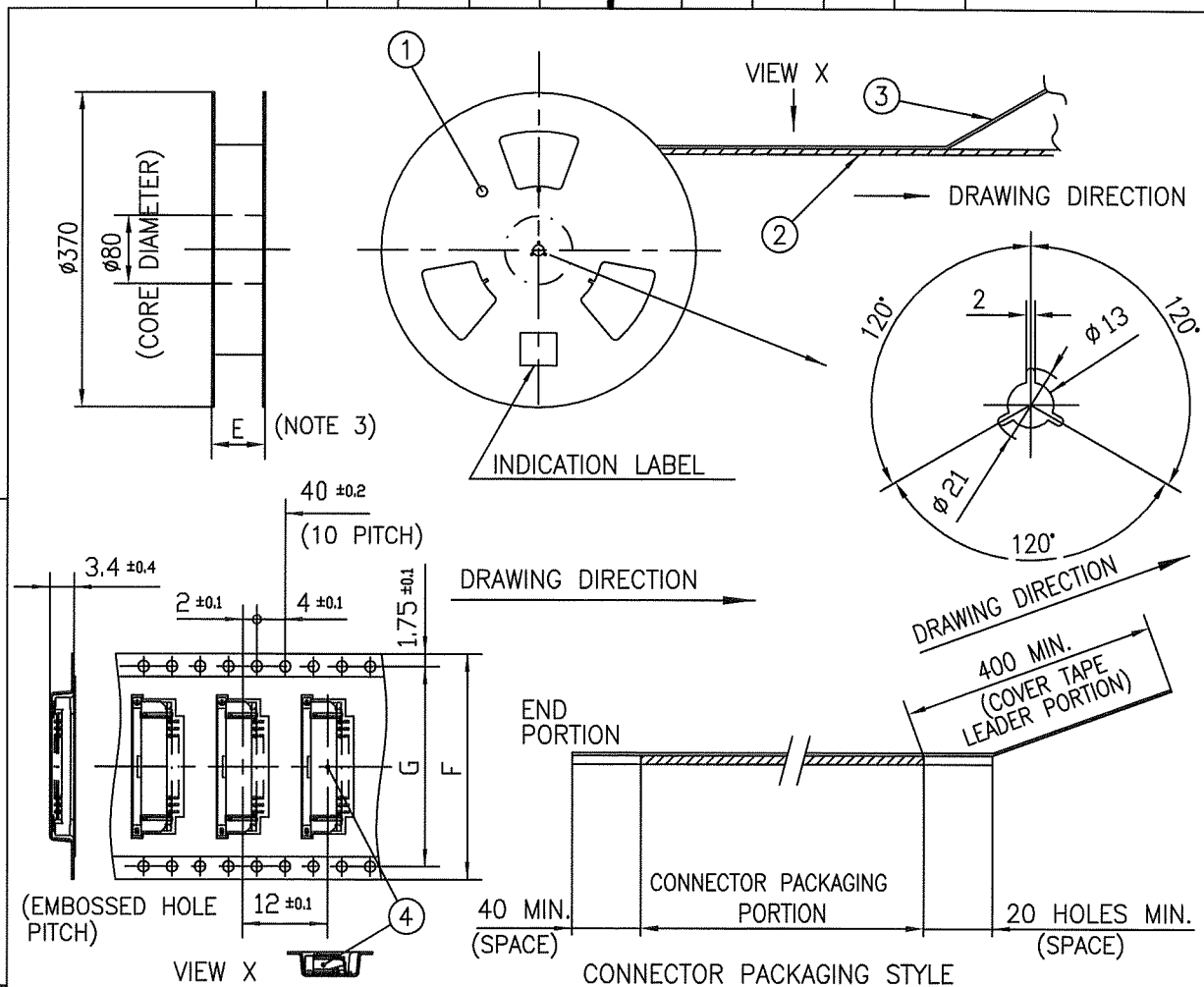


PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSS) TAPE	_____	PET	—	COLOR:TRANSPARENCY
3	COVER	_____	POLYESTER	—	COLOR:TRANSPARENCY
4	CONNECTOR	SFW__R-5STZ__LF	SEE ATTACHED DWG	2000	LOWER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR CIC 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.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 58RF				CODE JP		
ltr	ecn no	dr	date	tolerances unless otherwise specified						title PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CAT. NO. SFW__R-5STZE1LF)						
A	J07-0086	H.T.	2/5/07	angles	linear	±5										
				±5°												
				dr			2/5/07			dwg no				sheet 1 of 1		size A4
				enr			2/5/07			JSA 97274						
				chr			2/9/07									
				appd			2/7/07			type Product Customer Drawing						
sheet index	revision	A													Rev. A	
	sheet	1														



PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSS) TAPE	_____	PET	_____	COLOR:TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR:TRANSPARENCY
4	CONNECTOR	SFW__R-6STZ__LF	SEE ATTACHED DWG	2000	UPPER CONTACT TYPE

NOTES

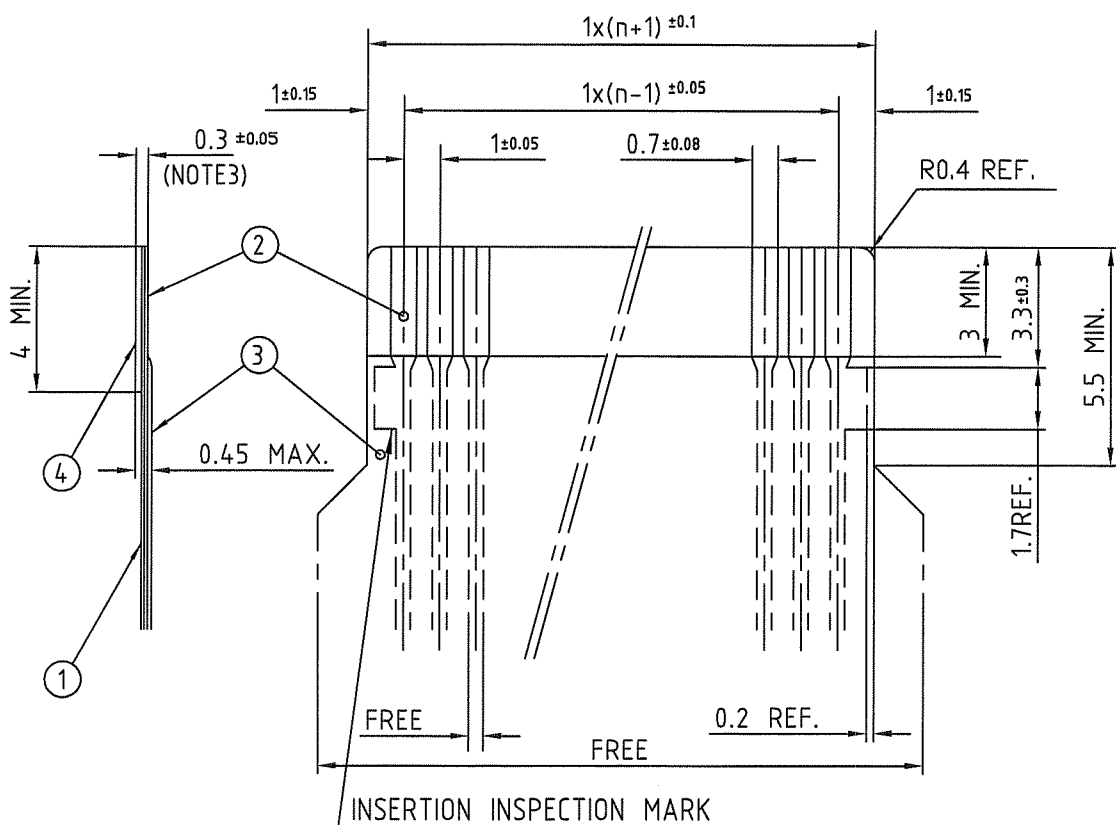
- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR CIC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
- E DIMENSION IS PORTION OF THE CORE.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection mm		product family 58RF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles		linear		title PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CAT.NO. SFW__R-6STZE1LF)		dwg no	
A	J07-0086	H.T.	2/5/07	±5		±5°		mm		scale		sheet 1 of 1	
				dr		engr		chr		appd		size A4	
				2/5/07		2/5/07		2/5/07		2/5/07		JSA 97275	
				S. Anderson		2/7/07		FCI		type		Product Customer Drawing	
sheet index		revision		A		1						Rev. A	

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form: A4

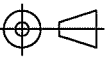
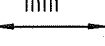
RECOMMENDED CABLE (CIC)

n: NO. OF CONDUCTOR



PT. NO.	PARTS NAME	MATERIAL	THICKNESS (um)	
1	BASE FILM	POLYESTER OR EQUAL	75	25
2	CONDUCTOR	CARBON PASTE OVER SILVER PASTE	10 MIN.	
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	—	
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188	250

- NOTES
1. NO BURR AT EACH PORTION.
 2. NO PEELING IN COMMON USE.
 3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.

mat'l. code				surface 58 / tolerance ISO 1302 ☒ ISO 406 ISO 1101		projection 		product family 58RF		CODE JP		
lfr	ecn no	dr	date	tolerances unless otherwise specified				title RECOMMENDED CABLE (Cat. No. SFW_R-5/6_)				
1	—	—	4/12/'93	angles	linear	mm						
AA	J05-0055	H.T	2/4/'05					dwg no JSA 91675				
AB	J06-0398	H.T	9/26/'06									
AC	J09-0363	M.Y	2009-10-8	dr	M.YAMASHITA	2009-10-8			sheet 1 of 1 size A4			
				enr	M.YAMASHITA	2009-10-8						
				chr	S. M. T. L.	2009-10-8						
				appd	S. de la Cruz	2009-10-8						
sheet index	revision sheet	AC	1					type Product Customer Drawing				Rev. AC

form: A4

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