



FCIconnect.com

Copyright FCI.



List of "SFW__R-5/6STZE1LF" customer document

DOCUMENT NO.	LIST
SC-SFW12	SPEC.
JSA97270	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR (SFW__R-5/6STZ__LF)
JSA97271	1mm SPACING SMT CONNECTOR (SFW__R-5STZ__LF)
JSA97272	1mm SPACING SMT CONNECTOR (SFW__R-6STZ__LF)
JSA97273	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-5/6STZE1LF)
JSA97274	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-5STZE1LF)
JSA97275	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-6STZE1LF)
JSA91675	RECOMMENDED CABLE (CIC) (SFW__R-5/6ST__)

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 1mm SPACING CIC CONNECTOR DOCUMENT LIST (Cat. No. : SFW__R-5/6STZE1LF)					
A	J07-0086	H.T	2/5/07	angles linear											
								scale $\times$		dwg no JSA 97269					
										sheet 1 of 1 size A4					
										type Product Customer Drawing					
sheet index	revision sheet	A	1												Rev. A

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)

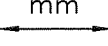
VARIATION

PACKAGE STYLE

LEAD FREE

NOTES

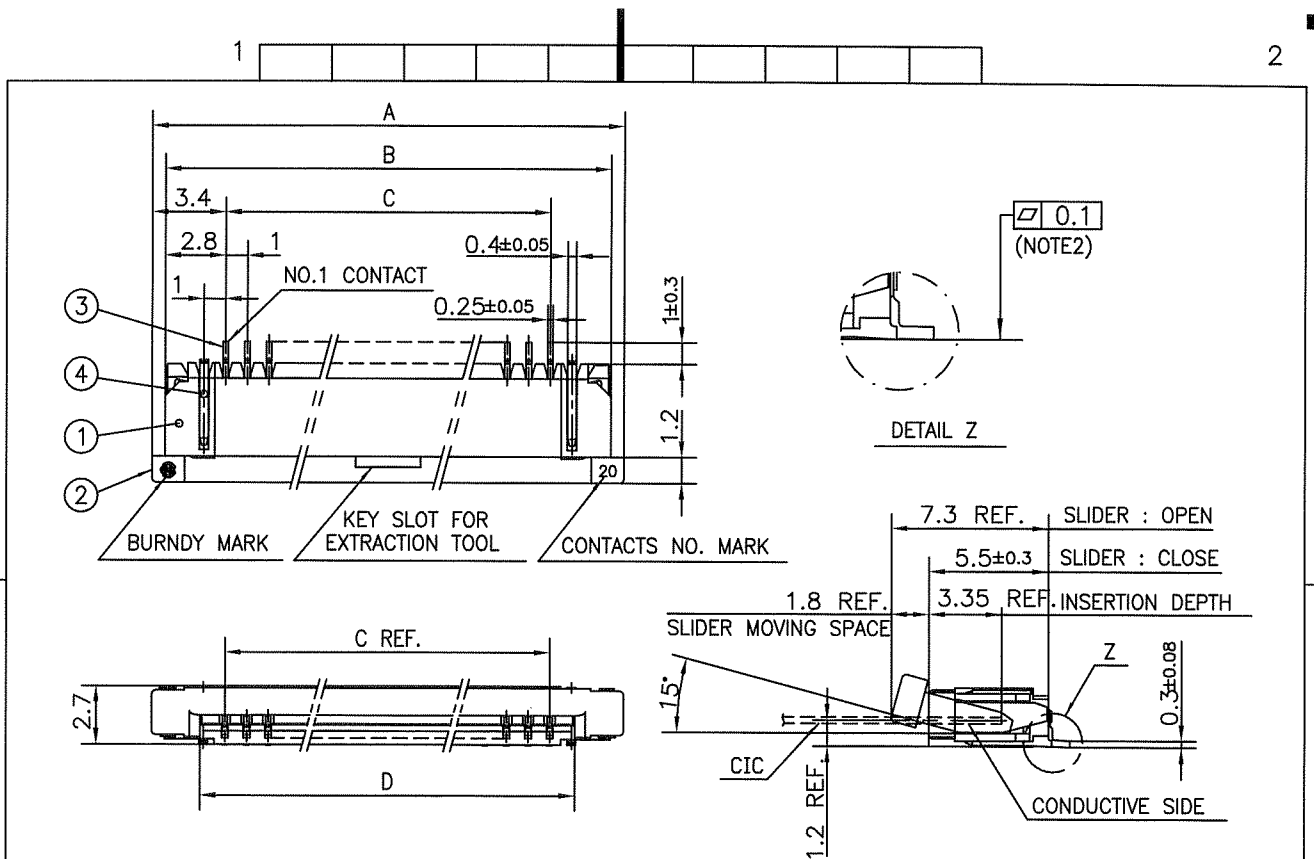
1. THIS PRODUCT IS THE CONNECTOR USED FOR CIC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~D.

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 X		dwg no JSA 97270			
				dr		2/8/07		FCI		sheet 1 of 1 size A4			
				enr		2/5/07				type Product Customer Drawing			
				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

1

2



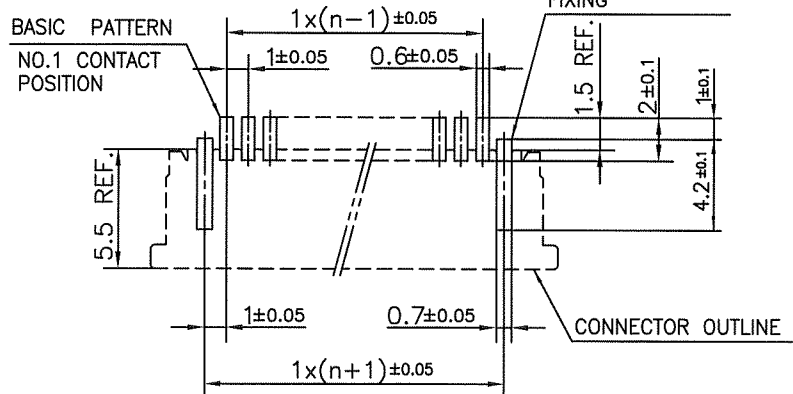
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BROWN
2	SLIDER		1	COLOR:BEIGE
3	CONTACT	PHOSPHOR BRONZE	n	PLATING:THIN TIN
4	MOUNTING PLATE		2	PLATING:TIN

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)

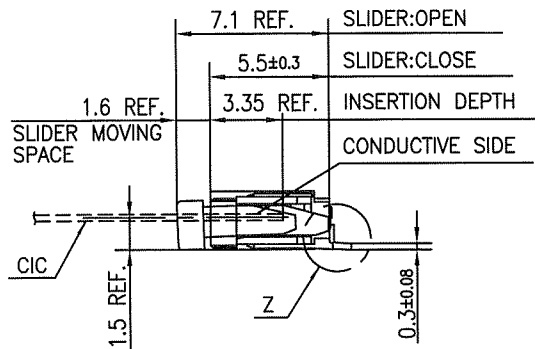
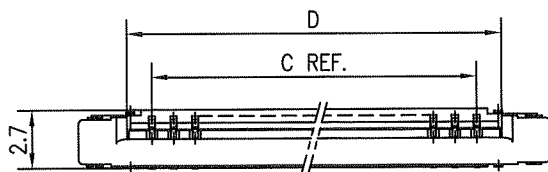
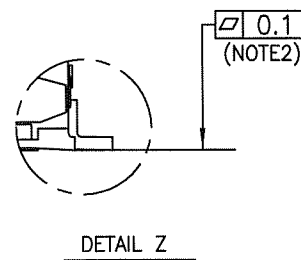
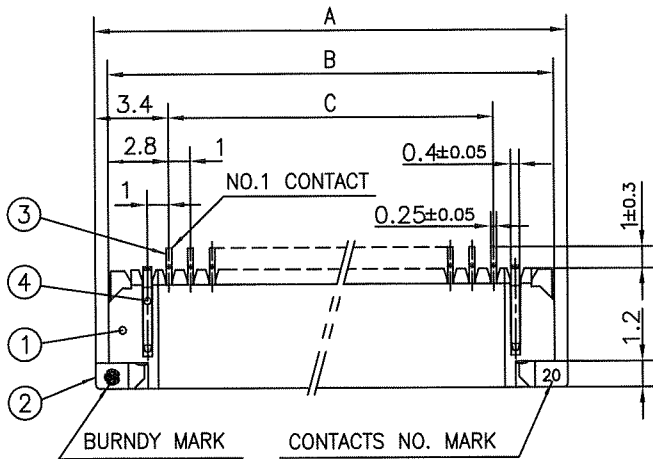


mat'l. code				surface	tolerance	projection	product family	58RF	CODE
				ISO 1302	ISO 406				JP
				tolerances unless otherwise specified			title		
ltr	ecn no	dr	date	angles	linear	mm	1mm SPACING SMT CONNECTOR		
A	J07-0086	H.T	2/5/07				(Cat. No. SFW__R-5STZ__LF)		
				dr	engr	chr	dwg no	sheet 1 of 1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

SC-SFW12 JSA97270
form: A4

1

2



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

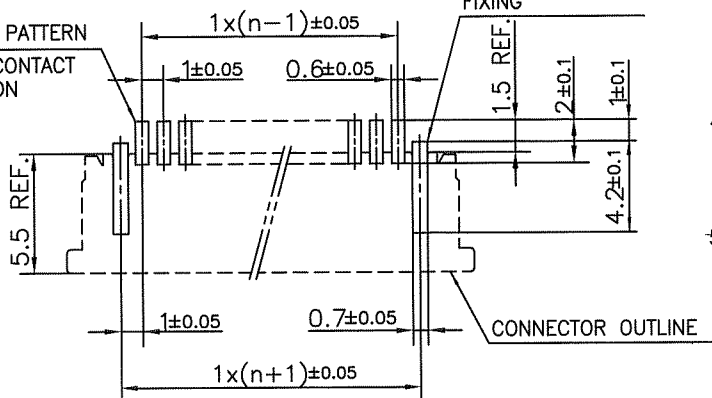
n : NO. OF CONTACTS

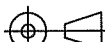
NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR CIC AND COPS 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)

BASIC PATTERN
NO.1 CONTACT
POSITION



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 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-6STZ__LF)					
A	J07-0086	H.T	2/5/07	angles	linear	±0.2									
							scale $\times$								
				dr	<i>H. Shoyji</i>	2/5/07									
				enrg	<i>H. Shoyji</i>	2/5/07	dwg no			sheet 1 of 1		size			
				chr	<i>R. Shoyji</i>	2/7/07	JSA 97272				A4				
				appd	<i>S. Anderson</i>	2/7/07	type		Product Customer Drawing						
sheet index	revision	A												Rev. A	
	sheet	1													

SC-SFW12 JSA97270
form: A4

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)

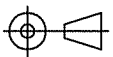
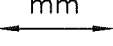
VARIATION

TAPE PACKAGING

LEAD FREE

NOTES

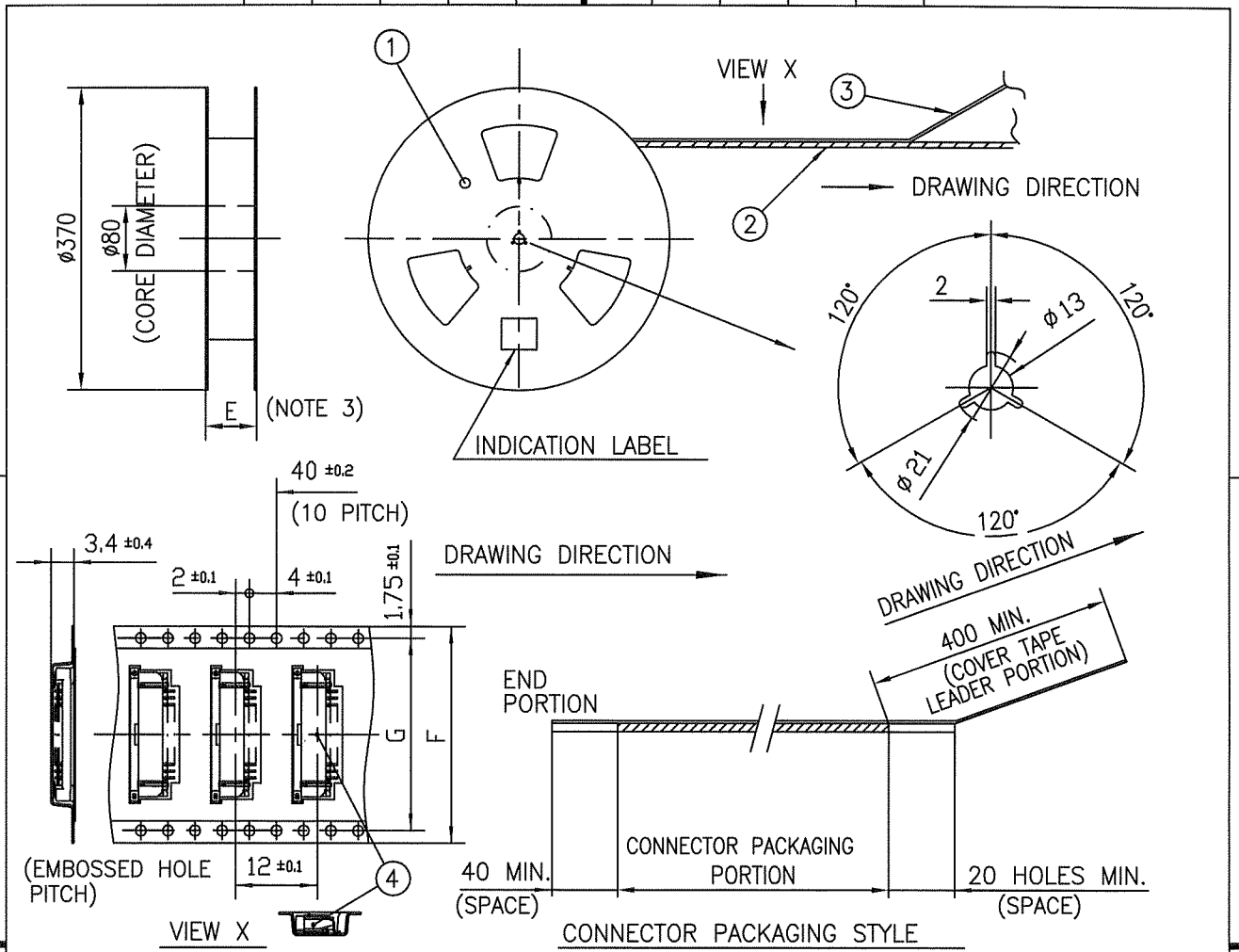
1. THIS PRODUCT IS THE CONNECTOR USED FOR CIC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS E~G.

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									
								scale $\propto$		dwg no			
										sheet 1 of 1			
										JSA 97273			
										size A4			
										type Product Customer Drawing			
sheet index	revision	A								Rev. A			
	sheet	1											

SC-SFW12 form: A4 JSA97270 97274 97275

1

2

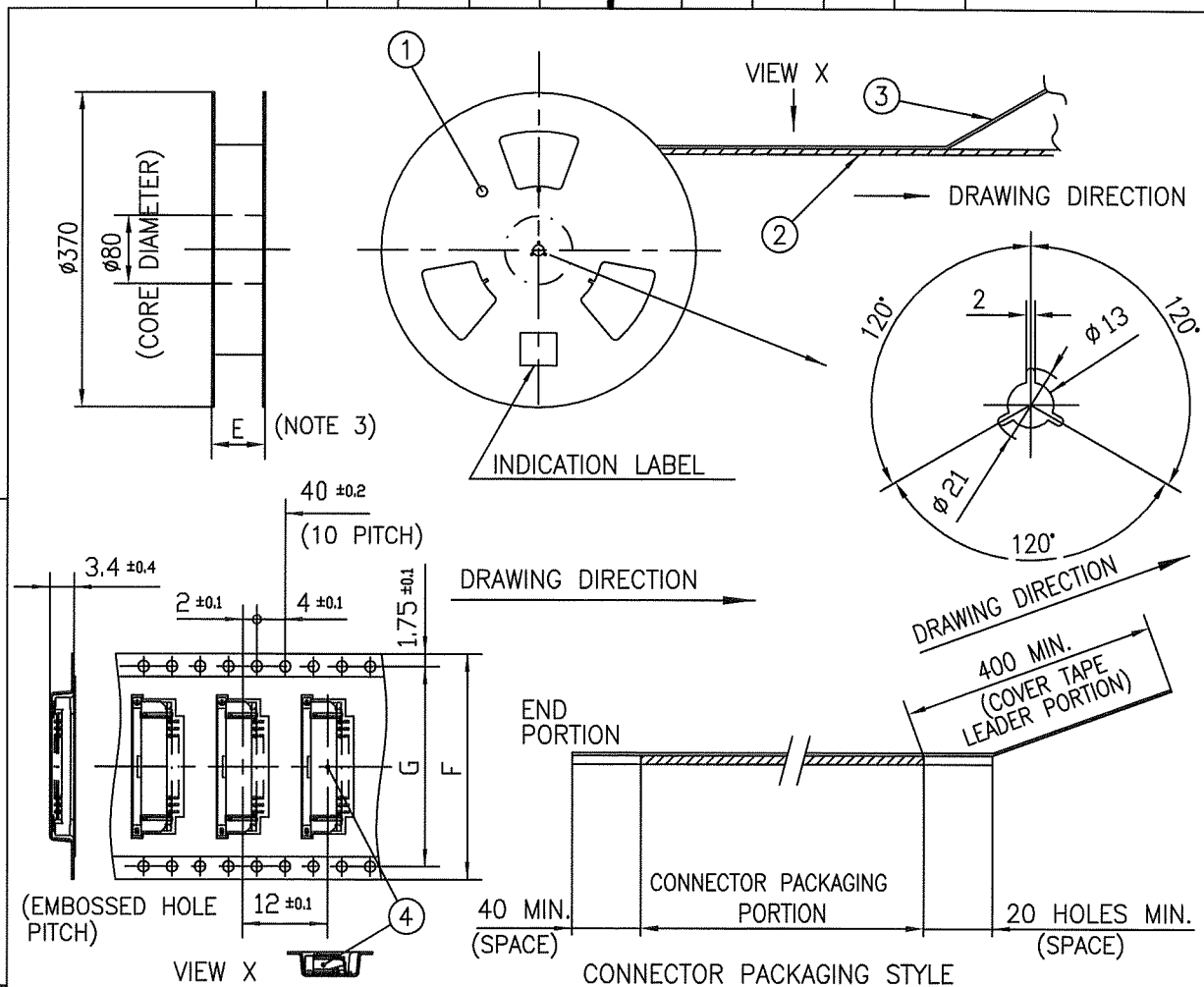


PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL		CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSS) TAPE		PET		COLOR:TRANSPARENCY
3	COVER		POLYESTER		COLOR:TRANSPARENCY
4	CONNECTOR	SFW__R-5STZ__LF	SEE ATTACHED DWG	2000	LOWER CONTACT TYPE

NOTES

- 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	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	engr	chr	appd
sheet index	revision	A				dwg no	sheet 1 of 1 size
	sheet	1				JSA 97274	A4
						type	Product Customer Drawing
							Rev
							A



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

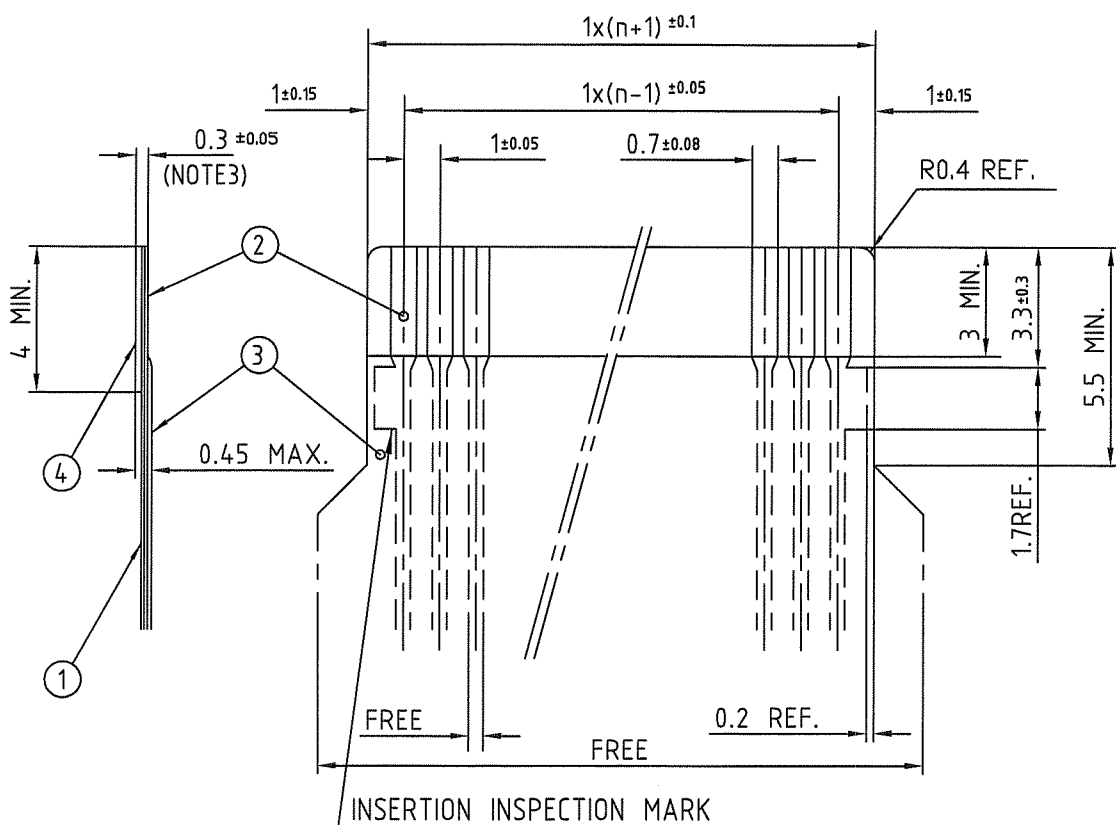
- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR CIC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
- E DIMENSION IS PORTION OF THE CORE.

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		mm	title PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CAT.NO. SFW__R-6STZE1LF)	
A	J07-0086	H.T.	2/5/07	angles	linear			
				±5°		scale	dwg no	sheet 1 of 1
				dr	engr	FCI	JSA 97275	
				chr	appd			
sheet index	revision	A	1				type Product Customer Drawing	
								Rev. A

SC-SFW12 JSA97273
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		mm		title			
1 — — 4/12/'93				angles linear		mm		RECOMMENDED CABLE			
AA J05-0055 H.T 2/4/'05								(Cat. No. SFW_R-5/6_)			
AB J06-0398 H.T 9/26/'06											
AC J09-0363 M.Y 2009-10-8				dr H.YAMASHITA 2009-10-8		scale X		dwg no		sheet 1 of 1 size	
				enr M.YAMASHITA 2009-10-8		FCJ		JSA 91675		A4	
				chr S. M. T. 2009-10-8				type Product Customer Drawing			
				appd S. de la Cruz 2009-10-8							
sheet index		revision sheet		AC 1						Rev. AC	

form: A4

1

2