

Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)

[SFW10R-2STGE1LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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List of "SFW__R-1/2STGE1LF" customer document

DOCUMENT NO.	LIST
SC-SFW14	SPEC.
JSA96365	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR (SFW__R-1/2STG_LF)
JSA96366	1mm SPACING SMT CONNECTOR (SFW__R-1STG_LF)
JSA96367	1mm SPACING SMT CONNECTOR (SFW__R-2STG_LF)
JSA96368	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-1/2STGE1LF)
JSA96369	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-1STGE1LF)
JSA96370	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-2STGE1LF)
JSA96371	RECOMMENDED CABLE (FPC) (SFW__R-1/2STG_)
GS-20-129	HANDLING PROCEDURES

mat'l. code -				surface ISO 1302 58 ✓		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 DOCUMENT LIST (Cat. No. : SFW__R-1/2STGE1LF)	
A		J05-0243		H.T		'05/4/20		angles linear					
B		J06-0398		H.T		9/26/'06				mm			
C		J09-0358		M.Y		2009-10-5				scale X			
D		J09-0380		M.Y		2009-10-27		dr		M.YAHASHITA 2009-10-27		dwg no sheet 1 of 1 size	
								enr		M.YAHASHITA 2009-10-27		JSA 96364 A4	
								chr		S. WITTE 2009-10-27			
								appd		J. Gudana 2009-10-27			
sheet index		revision sheet		D		1						Rev. D	

D

D

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-1/2STG__LF	9.8	8.6	3.0	5.3
5	SFW5R-1/2STG__LF	10.8	9.6	4.0	6.3
6	SFW6R-1/2STG__LF	11.8	10.6	5.0	7.3
7	SFW7R-1/2STG__LF	12.8	11.6	6.0	8.3
8	SFW8R-1/2STG__LF	13.8	12.6	7.0	9.3
9	SFW9R-1/2STG__LF	14.8	13.6	8.0	10.3
10	SFW10R-1/2STG__LF	15.8	14.6	9.0	11.3
11	SFW11R-1/2STG__LF	16.8	15.6	10.0	12.3
12	SFW12R-1/2STG__LF	17.8	16.6	11.0	13.3
13	SFW13R-1/2STG__LF	18.8	17.6	12.0	14.3
14	SFW14R-1/2STG__LF	19.8	18.6	13.0	15.3
15	SFW15R-1/2STG__LF	20.8	19.6	14.0	16.3
16	SFW16R-1/2STG__LF	21.8	20.6	15.0	17.3
17	SFW17R-1/2STG__LF	22.8	21.6	16.0	18.3
18	SFW18R-1/2STG__LF	23.8	22.6	17.0	19.3
19	SFW19R-1/2STG__LF	24.8	23.6	18.0	20.3
20	SFW20R-1/2STG__LF	25.8	24.6	19.0	21.3
21	SFW21R-1/2STG__LF	26.8	25.6	20.0	22.3
22	SFW22R-1/2STG__LF	27.8	26.6	21.0	23.3
23	SFW23R-1/2STG__LF	28.8	27.6	22.0	24.3
24	SFW24R-1/2STG__LF	29.8	28.6	23.0	25.3
25	SFW25R-1/2STG__LF	30.8	29.6	24.0	26.3
26	SFW26R-1/2STG__LF	31.8	30.6	25.0	27.3
27	SFW27R-1/2STG__LF	32.8	31.6	26.0	28.3
28	SFW28R-1/2STG__LF	33.8	32.6	27.0	29.3
29	SFW29R-1/2STG__LF	34.8	33.6	28.0	30.3
30	SFW30R-1/2STG__LF	35.8	34.6	29.0	31.3

CAT. NO.

SFW (n) R - 1 ST G __ 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)

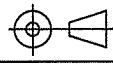
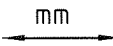
GOLD PLATING

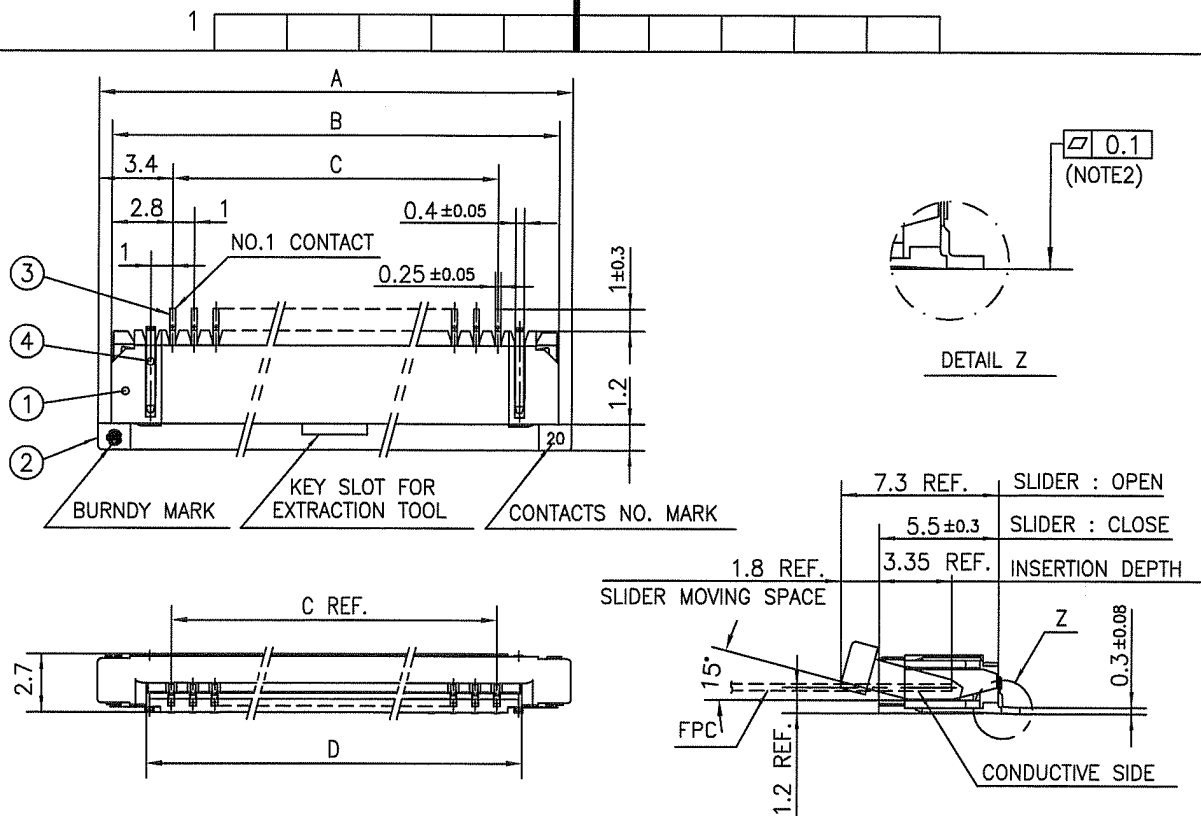
PACKAGE STYLE

LEAD FREE

NOTES

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

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		mm 		title CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1/2STG__LF)			
A	J05-0243	H.T	4/20/05	angles	linear	scale $\times$		dwg no sheet 1 of 1 size A4			
B	J06-0398	H.T	9/26/06			FCI		JSA 96365			
C	J09-0358	M.Y	2009-10-5					type Product Customer Drawing			
sheet index		revision	C							Rev. C	
sheet		1									

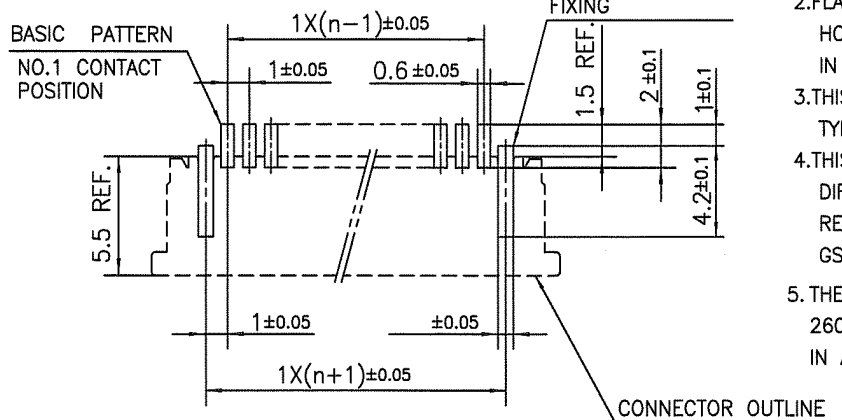


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BROWN
2	SLIDER		1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : GOLD
4	MOUNTING PLATE		2	PLATING : TIN

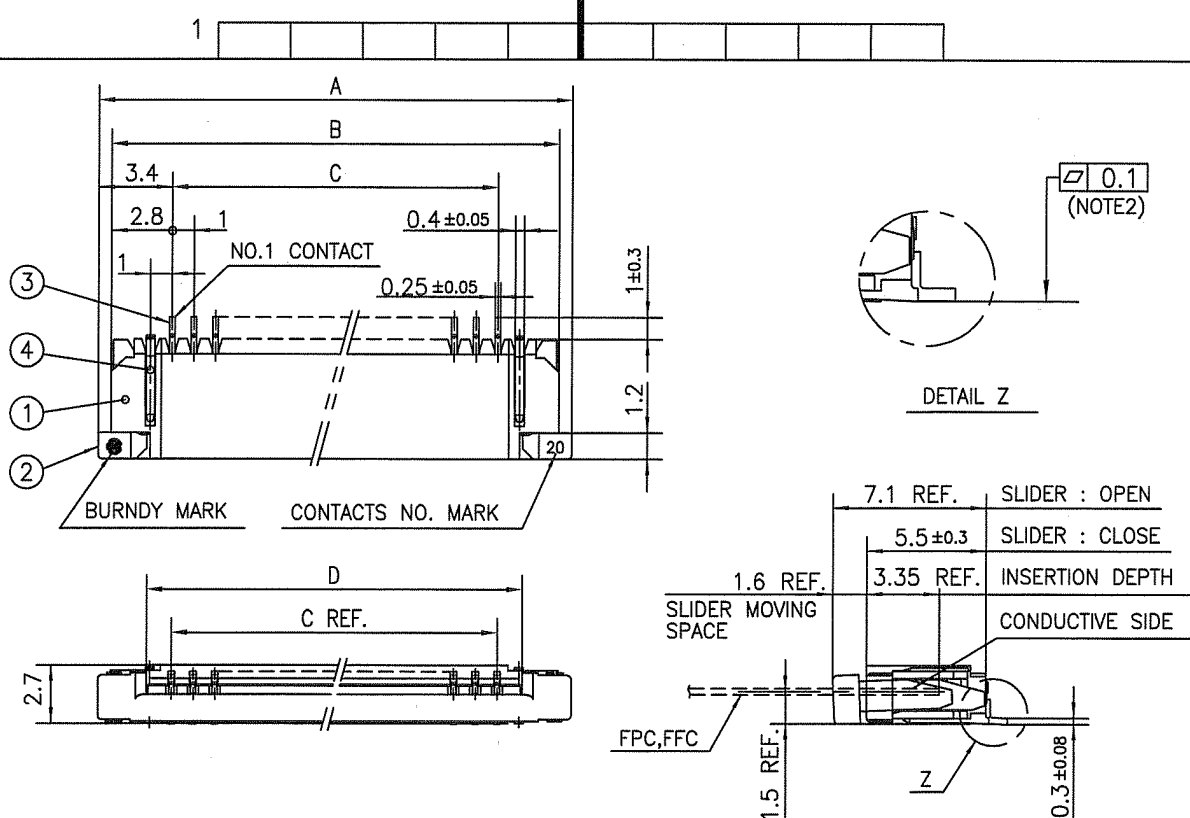
n : NO. OF CONTACTS

NOTES

- 1.THIS PRODUCT IS THE CONNECTOR USED FOR FPC 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 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 58	tolerance	projection	product family	58RF	CODE
				ISO 1302	ISO 406				JP
				tolerances unless otherwise specified	ISO 1101				
ltr	ecn no	dr	date	angles	linear	mm	title		
A	J05-0243	H.T	4/20/05				1mm SPACING SMT CONNECTOR		
B	J05-0736	H.T	10/28/05				(Cat. No. SFW__R-1STG__LF)		
C	J06-0398	H.T	9/26/06						
D	J09-0358	M.Y	2009-10-5	dr	M.YAMASHITA	2009-10-5	dwg no	sheet 1 of 1	size
				enr	M.YAMASHITA	2009-10-5	JSA 96366		A4
				chr	S. Vithala	2009-10-6			
				appd	S. Anand	2009-10-6			
sheet index	revision	D					type Product Customer Drawing		Rev. D

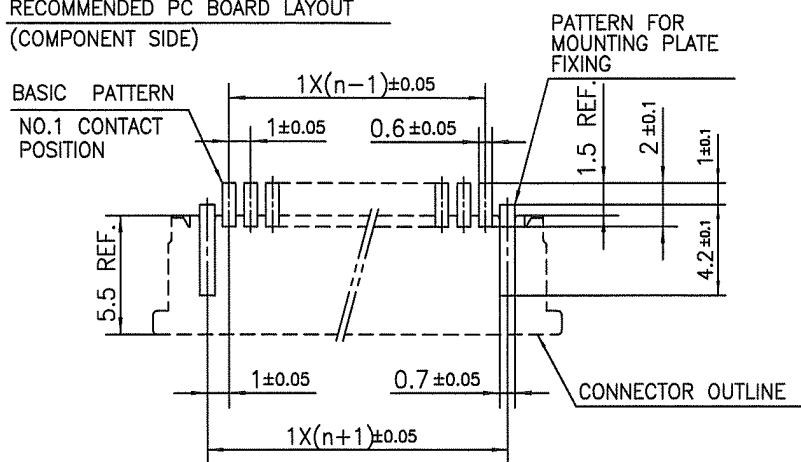


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BROWN
2	SLIDER		1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : GOLD
4	MOUNTING PLATE		2	PLATING : IN

n : NO. OF CONTACTS
NOTES

RECOMMENDED PC BOARD LAYOUT

(COMPONENT SIDE)



1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC 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.

[illegible]

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
		E ± 5	F ± 0.3	G ± 0.1
4	SFW4R-1/2STGE1LF	20.4	16	—
5	SFW5R-1/2STGE1LF	28.4	24	—
6	SFW6R-1/2STGE1LF	28.4	24	—
7	SFW7R-1/2STGE1LF	28.4	24	—
8	SFW8R-1/2STGE1LF	28.4	24	—
9	SFW9R-1/2STGE1LF	28.4	24	—
10	SFW10R-1/2STGE1LF	28.4	24	—
11	SFW11R-1/2STGE1LF	28.4	24	—
12	SFW12R-1/2STGE1LF	28.4	24	—
13	SFW13R-1/2STGE1LF	36.4	32	28.4
14	SFW14R-1/2STGE1LF	36.4	32	28.4
15	SFW15R-1/2STGE1LF	36.4	32	28.4
16	SFW16R-1/2STGE1LF	36.4	32	28.4
17	SFW17R-1/2STGE1LF	48.4	44	40.4
18	SFW18R-1/2STGE1LF	48.4	44	40.4
19	SFW19R-1/2STGE1LF	48.4	44	40.4
20	SFW20R-1/2STGE1LF	48.4	44	40.4
21	SFW21R-1/2STGE1LF	48.4	44	40.4
22	SFW22R-1/2STGE1LF	48.4	44	40.4
23	SFW23R-1/2STGE1LF	48.4	44	40.4
24	SFW24R-1/2STGE1LF	48.4	44	40.4
25	SFW25R-1/2STGE1LF	48.4	44	40.4
26	SFW26R-1/2STGE1LF	48.4	44	40.4
27	SFW27R-1/2STGE1LF	48.4	44	40.4
28	SFW28R-1/2STGE1LF	60.4	56	52.4
29	SFW29R-1/2STGE1LF	60.4	56	52.4
30	SFW30R-1/2STGE1LF	60.4	56	52.4

CAT. NO.

SFW (n) R - 1 ST G 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)

GOLD PLATING

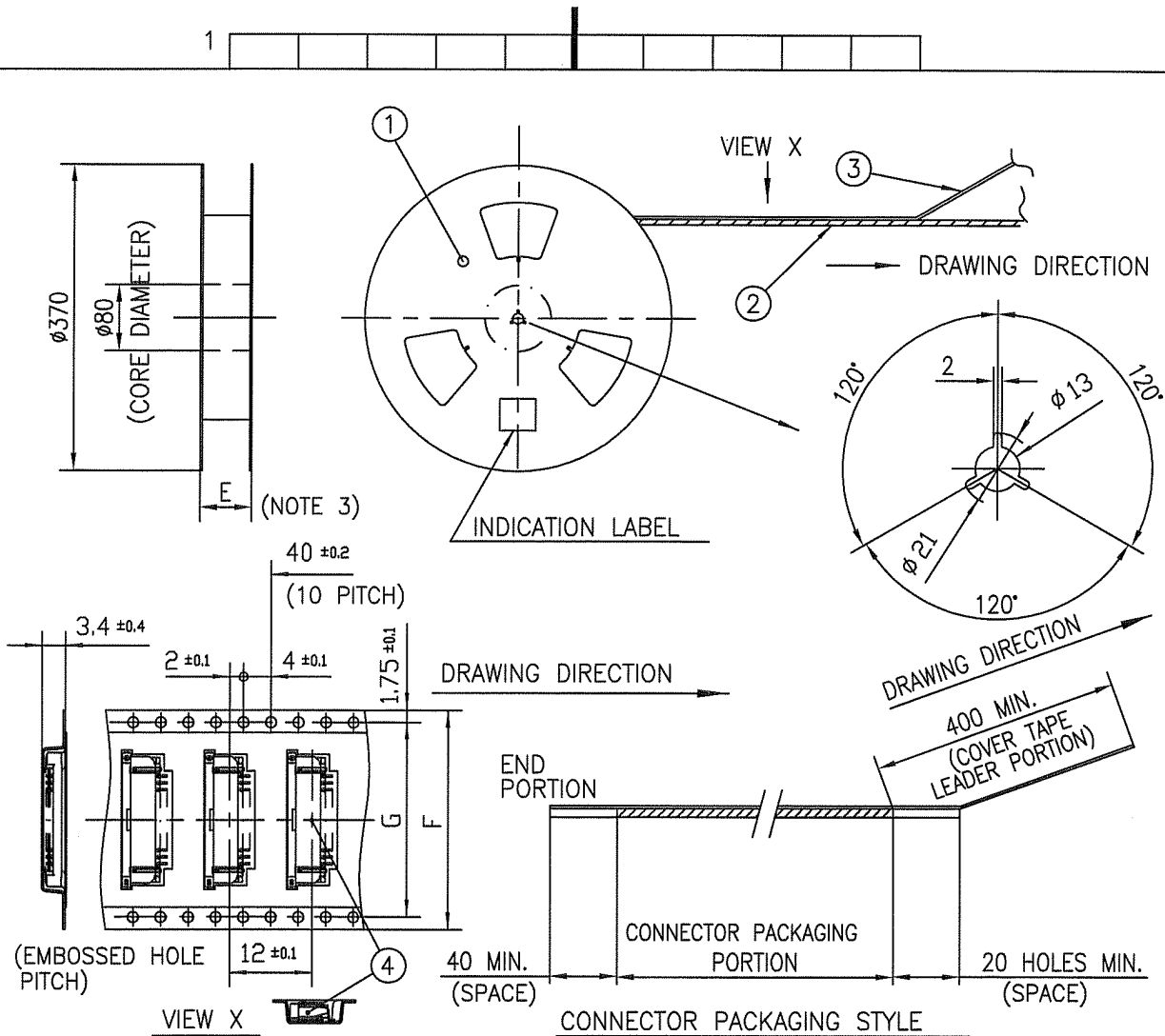
TAPE PACKAGING

LEAD FREE

NOTES

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

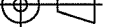
mat'l. code				surface 58 / ISO 1302	tolerance 406 / ISO 1101	projection	product family 58RF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1/2STGE1LF)	
A	J05-0243	H.T	4/20/05	angles	linear			
B	J06-0398	H.T	9/26/06				dwg no sheet 1 of 1 size JSA 96368 A4	
C	J09-0358	M.Y	2009-10-5			scale X		
				dr	M. YAMASHITA	2009-10-5	type Product Customer Drawing	
				engr	M. YAMASHITA	2009-10-5		
				chr	S. W. H. L.	2009-10-6		
				appd	S. Chidambaram	2009-10-6		
sheet index	revision	C						Rev. C
	sheet	1						

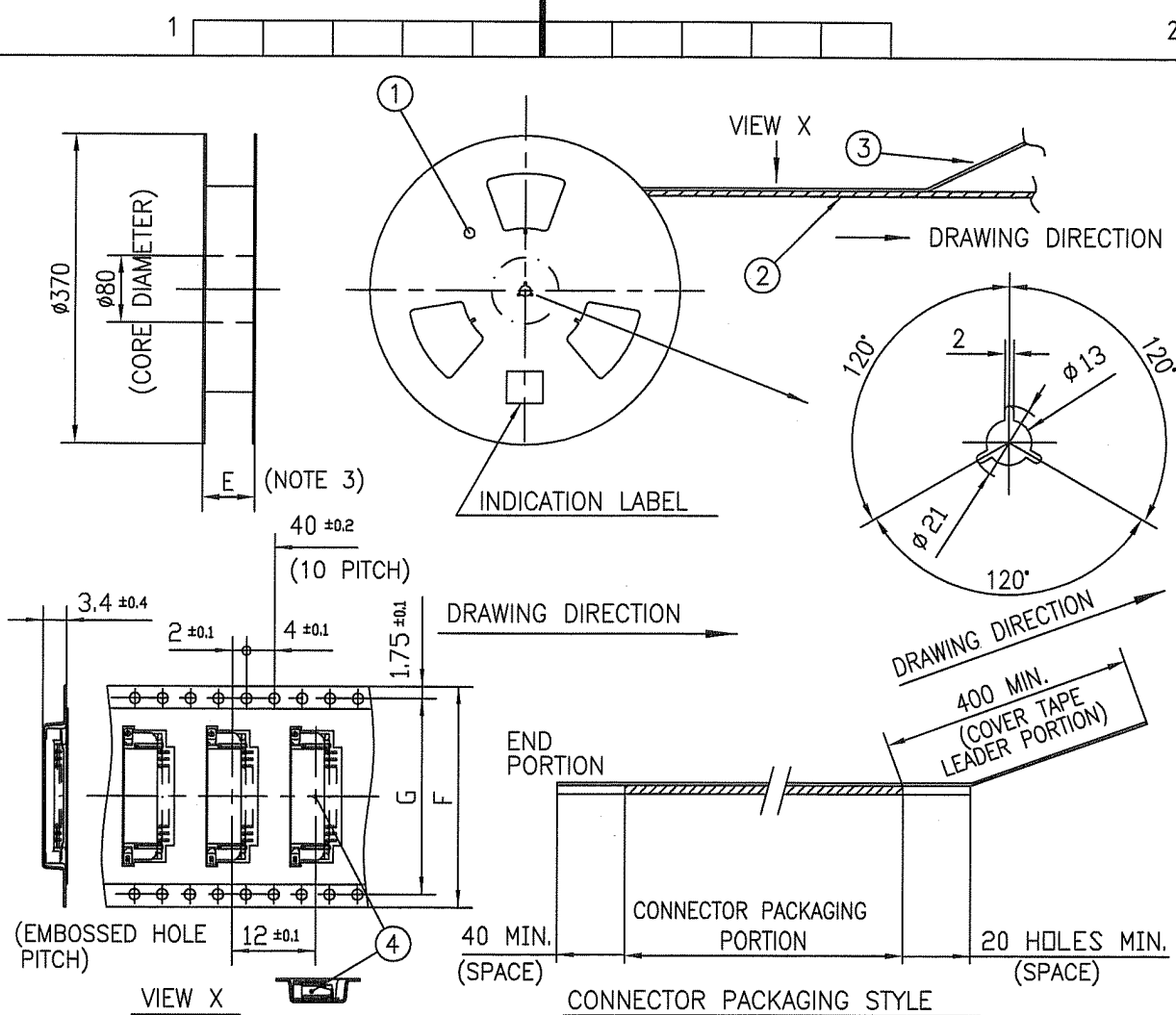


PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	—	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSS) TAPE	—	PET	—	COLOR:TRANSPARENCY
3	COVER	—	POLYESTER	—	COLOR:TRANSPARENCY
4	CONNECTOR	SFW_R-1STG_LF	SEE ATTACHED DWG.	2000	LOWER CONTACT TYPE

NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND COPS 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.

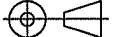
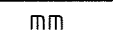
mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 58RF				CODE JP									
ltr				ecn no				dr		date		tolerances unless otherwise specified											
A				J05-0243				H.T		4/20/05		angles		linear									
B				J06-0398				H.T		9/26/06		±5		mm									
C				J09-0358				M.Y		2009-10-5		±5'		scale $\propto$									
												dr		H.YAMADA 2009-10-5									
												enr		H.YAMADA 2009-10-5									
												chr		S. Vitha 2009-10-6									
												appd		S. Chudam 2009-10-6									
sheet index		revision		C																		Rev. c	
1		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-2STG__LF	SEE ATTACHED DWG.	2000	UPPER CONTACT TYPE

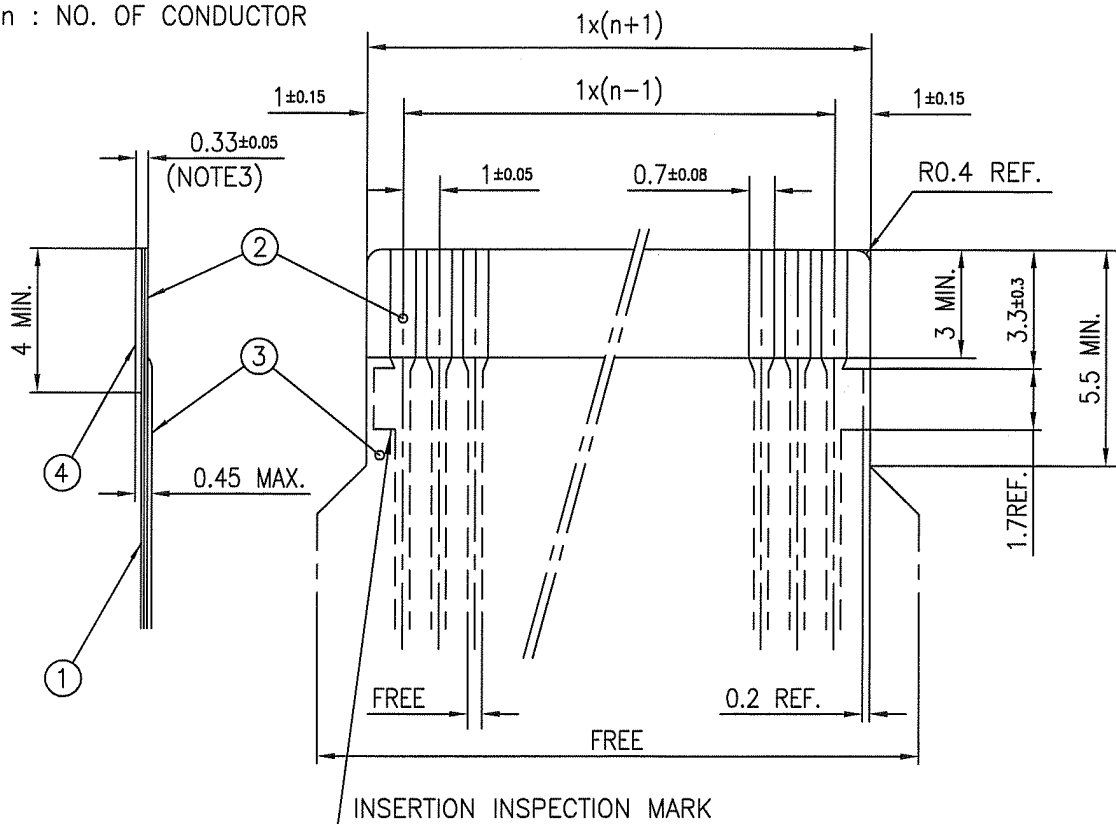
NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND CYPES 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-2STGE1LF)					
A	J05-0243	H.T	4/20/05	angles		linear ±5										
B	J06-0398	H.T	9/26/06	±5°						scale $\times$	dwg no sheet 1 of 1 JSA 96370 size A4					
C	J09-0358	M.Y	2009-10-5	±5°												
				dr	H.YAHASHITA		2009-10-5			type Product Customer Drawing						
				enr	H.YAHASHITA		2009-10-5									
				chr	S. M. K. M.		2009-10-6									
				appd	S. Chudam		2009-10-6									
sheet index		revision sheet		C	1										Rev. C	

RECOMMENDED CABLE (FPC)

n : NO. OF CONDUCTOR



PT. NO.	PARTS NAME	MATERIAL	THICKNESS (um)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL (PLATING : Ni UNDER PLATING GOLD0.5um MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188

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 ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family 58RF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm 	title RECOMMENDED CABLE (Cat. No. SFW__R-1/2STG_)	
A	J05-0243	H.T	4/22/05	angles	linear			
B	J06-0398	H.T	9/26/06			scale X	dwg no JSA 96371	
C	J09-0358	M.Y	2009-10-5					
				dr	H.YAHASHITA	2009-10-5	sheet 1 of 1	
				enr	H.YAHASHITA	2009-10-5		
				chr	S. W. White	2009-10-6	size A4	
				appd	S. Chidambaram	2009-10-6		
sheet index	revision sheet	C					type Product Customer Drawing	
		1						
							Rev. C	