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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 58/ISO 1302		tolerance ISO 406 ISO 1101		projection		product family 58RF		CODE JP	
ltr				tolerances unless otherwise specified		mm		scale		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										dwg no sheet 1 of 1 size JSA 96364 A4			
C J09-0358 M.Y 2009-10-5													
D J09-0380 M.Y 2009-10-27				dr		2009-10-27		FCI		type Product Customer Drawing			
				enrg		2009-10-27							
				chr		2009-10-27							
				appd		2009-10-27							
sheet index		revision sheet		D 1								Rev. D	

form: A4

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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)

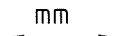
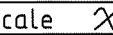
GOLD PLATING

PACKAGE STYLE

LEAD FREE

NOTES

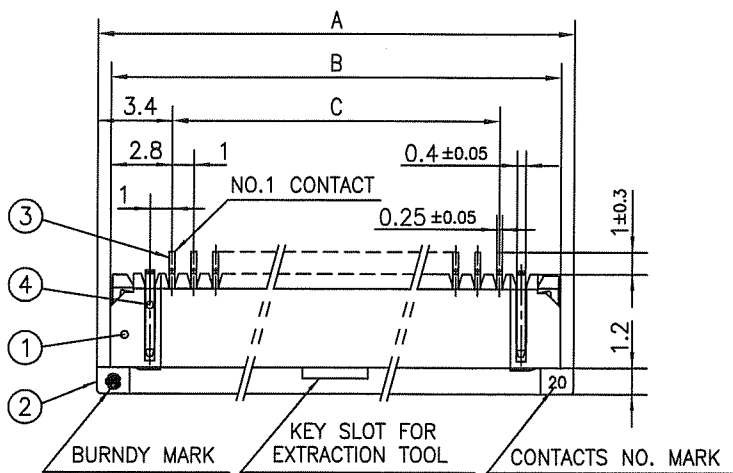
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPE WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~D.

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						
B	J06-0398	H.T	9/26/06			scale 		dwg no sheet 1 of 1 size JSA 96365 A4			
C	J09-0358	M.Y	2009-10-5								
				dr	H.YAMASHITA 2009-10-5			type Product Customer Drawing			
				enrg	H.YAMASHITA 2009-10-5						
				chr	S. W. H. 2009-10-6						
				appd	S. W. H. 2009-10-6						
sheet index	revision	C	1					Rev. C			

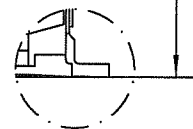
SC-SFW14 JSA96366 96367 96368 96371
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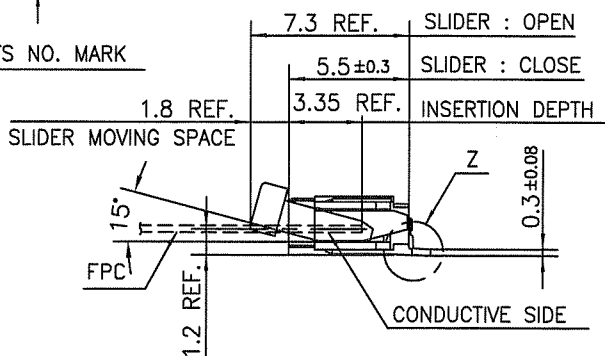
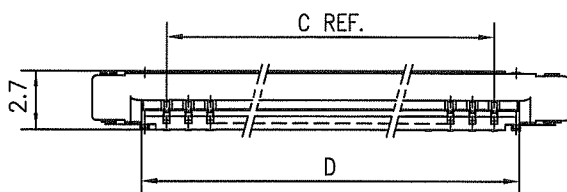
2



0.1
(NOTE2)



DETAIL Z



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

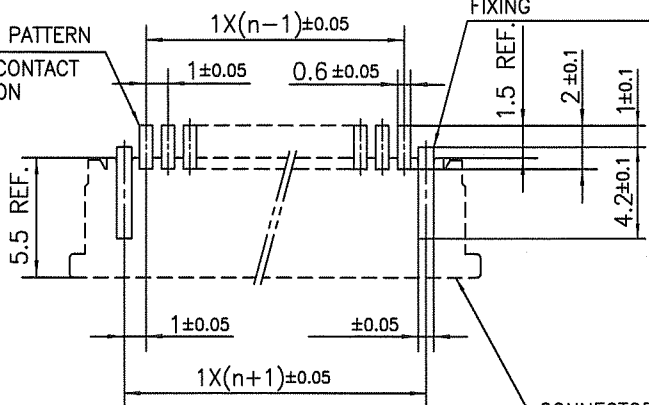
n : NO. OF CONTACTS

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND 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)

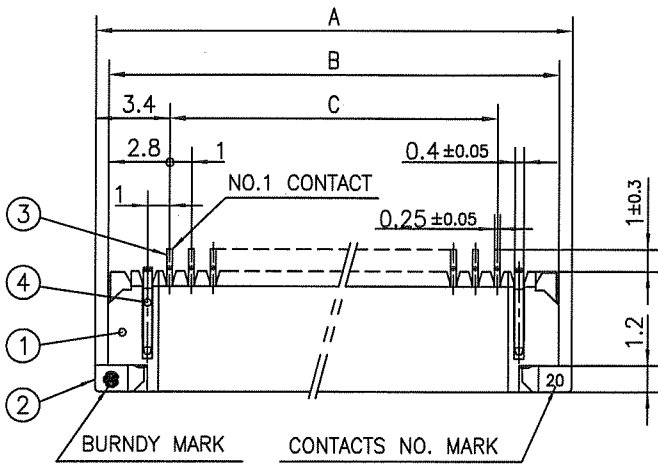
BASIC PATTERN
NO.1 CONTACT
POSITION



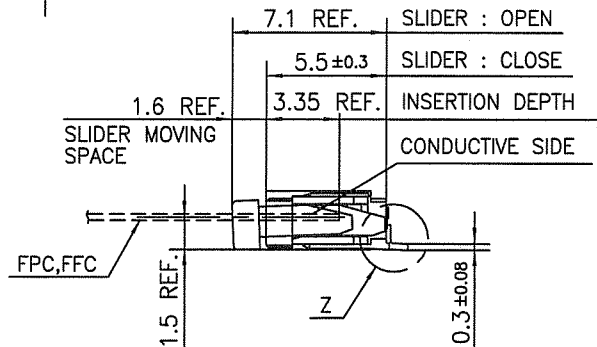
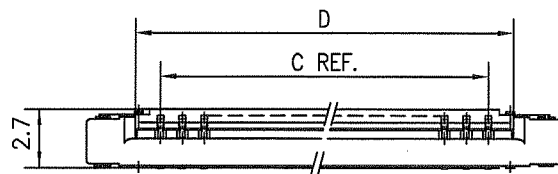
CONNECTOR OUTLINE

mat'l. code				surface 58	tolerance ISO 1302	projection	product family 58RF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified	ISO 406	mm	title 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1STG__LF)	
A	J05-0243	H.T	4/20/05	angles	ISO 1101			
B	J05-0736	H.T	10/28/05	linear	±0.2	scale	dwg no sheet 1 of 1 size	
C	J06-0398	H.T	9/26/06				JSA 96366	
D	J09-0358	M.Y	2009-10-5	dr	MYAMASHITA	2009-10-5	type Product Customer Drawing	
				enr	MYAMASHITA	2009-10-5		
				chr	S. W. H. L.	2009-10-6		
				appd	S. W. H. L.	2009-10-6		
sheet index	revision	D						Rev. D
	sheet	1						

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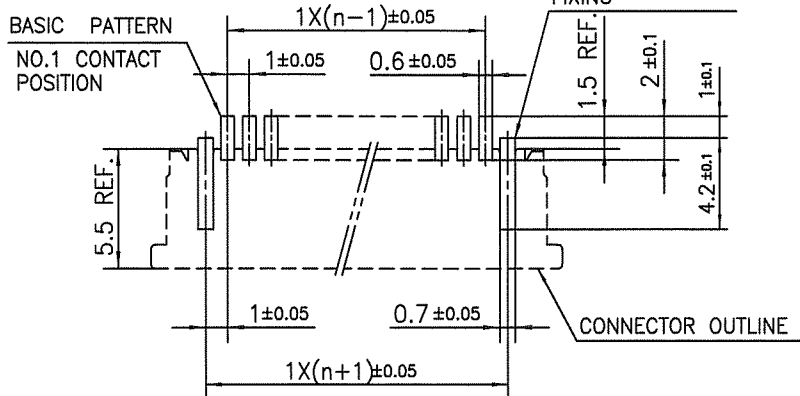
DETAIL Z



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 CYPES 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.

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			
A J05-0243 H.T 4/20/05				angles linear ±0.2		mm		1mm SPACING SMT CONNECTOR			
B J05-0736 H.T 10/28/05								(Cat. No. SFW__R-2STG__LF)			
C J06-0398 H.T 9/26/06						scale X		dwg no sheet 1 of 1 size			
D J09-0358 M.Y 2009-10-5				dr H.YAMASHITA 2009-10-5		FCI		JSA 96367 A4			
				engr H.YAMASHITA 2009-10-5				type Product Customer Drawing			
				chr S. Kishida 2009-10-6							
				appd P. Gudeanu 2009-10-6							
sheet index		revision D								Rev. D	
sheet 1											

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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-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

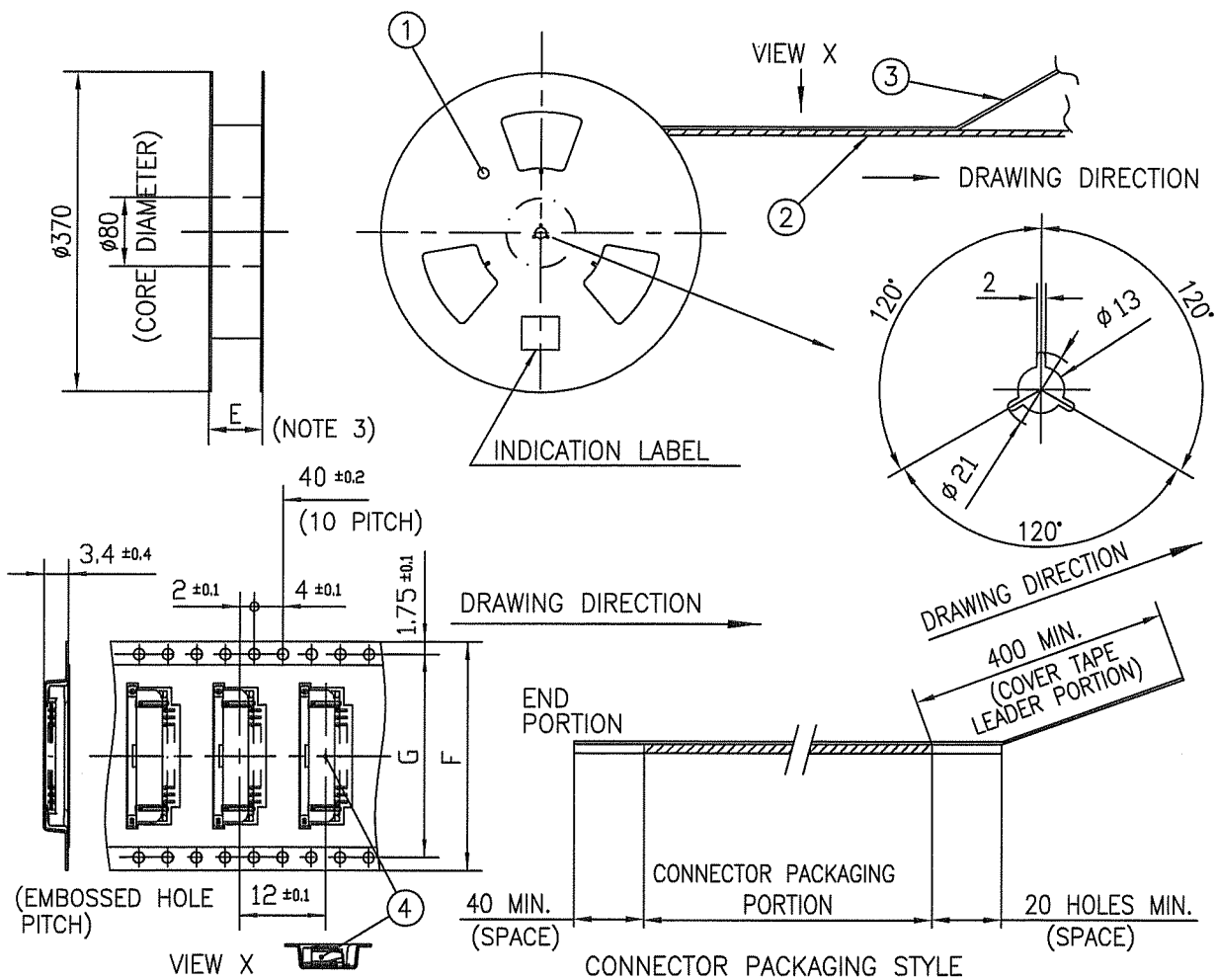
LEAD FREE

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND 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 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			
A	J05-0243	H.T	4/20/05	angles linear		mm		CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1/2STGE1LF)			
B	J06-0398	H.T	9/26/06			scale		dwg no			
C	J09-0358	M.Y	2009-10-5			X		sheet 1 of 1			
				dr MYAHASHITA 2009-10-5		FCI		JSA 96368			
				engr MYAHASHITA 2009-10-5				size A4			
				chr S. M. H. 2009-10-6				type Product Customer Drawing			
				appd S. M. H. 2009-10-6				Rev. C			
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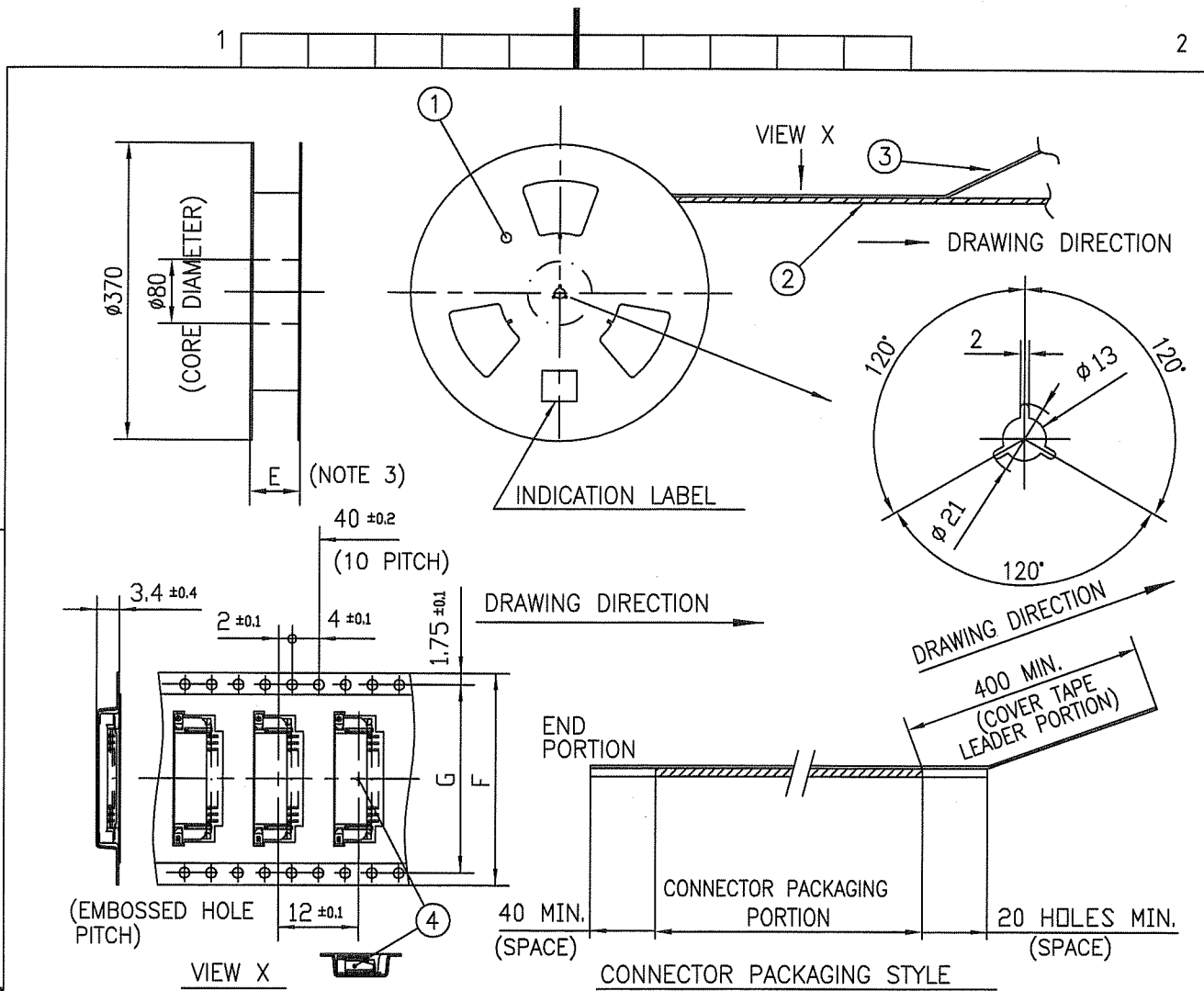
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSS) TAPE	_____	PET	_____	COLOR:TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR:TRANSPARENCY
4	CONNECTOR	SFW__R-1STG__LF	SEE ATTACHED DWG.	2000	LOWER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND COTES 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-1STG1LF)				
A	J05-0243	H.T	4/20/05	angles	linear	mm						
B	J06-0398	H.T	9/26/06	±5°								
C	J09-0358	M.Y	2009-10-5	±5°		scale $\propto$		dwg no JSA 96369 type Product Customer Drawing				
				dr	H.YAMAMOTO	2009-10-5						
				enr	H.YAMAMOTO	2009-10-5						
				chr	D. With	2009-10-6						
				appd	S. Gudam	2009-10-6						
sheet index	revision	C									Rev. C	

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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-2STG__LF	SEE ATTACHED DWG.	2000	UPPER CONTACT TYPE

NOTES

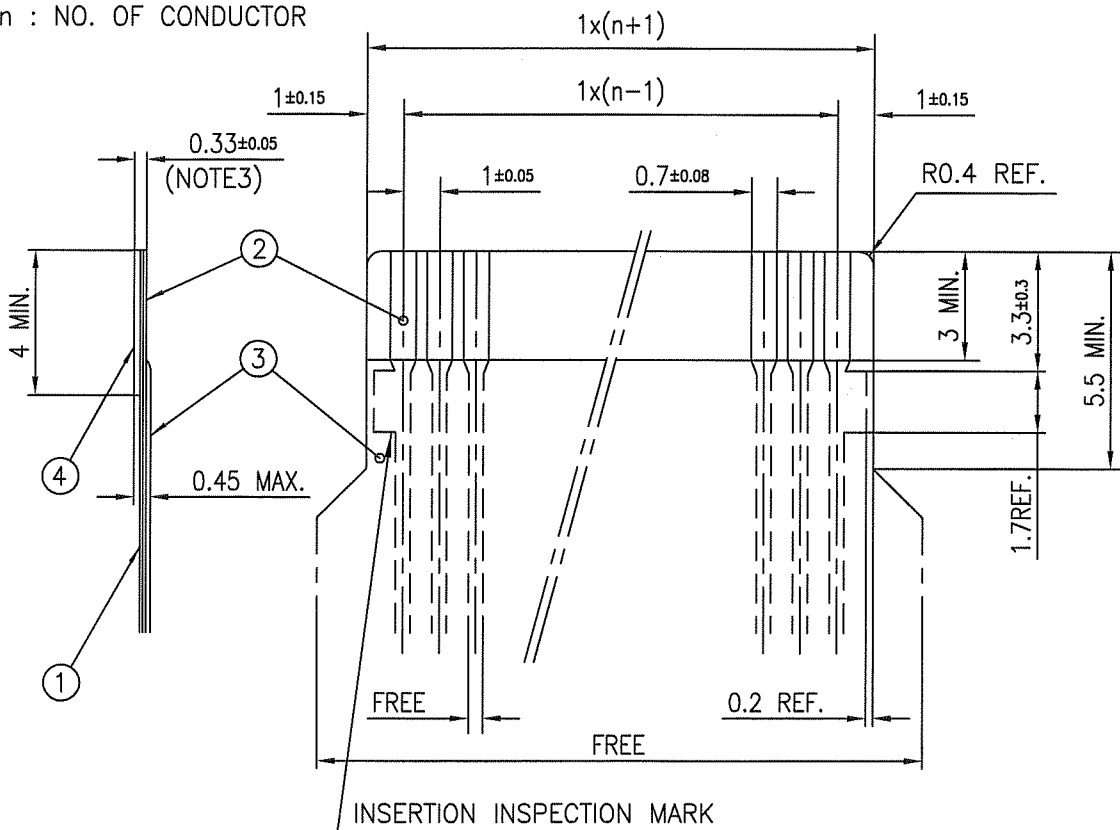
- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
- E DIMENSION IS PORTION OF THE CORE.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 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-2STGE1LF)				
A	J05-0243	H.T	4/20/05	angles				mm		dwg no JSA 96370 sheet 1 of 1 size A4 type Product Customer Drawing				
B	J06-0398	H.T	9/26/06	linear				mm						
C	J09-0358	M.Y	2009-10-5	±5°				mm						
				dr	H. YAMASHITA		2009-10-5							
				engr	H. YAMASHITA		2009-10-5							
				chr	S. W. K. L.		2009-10-6							
				appd	J. Chudam		2009-10-6							
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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 / tolerance ISO 1302 / ISO 406 / ISO 1101		projection		product family 58RF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title			
A	J05-0243	H.T	4/22/05	angles		Linear		RECOMMENDED CABLE			
B	J06-0398	H.T	9/26/06					(Cat. No. SFW__R-1/2STG_)			
C	J09-0358	M.Y	2009-10-5					scale X			
				dr	H.YAHASHITA		2009-10-5		dwg no		
				enr	H.YAHASHITA		2009-10-5		sheet 1 of 1		
				chr	S. W. W. W.		2009-10-6		size A4		
				appd	S. W. W. W.		2009-10-6		type Product Customer Drawing		
sheet index	revision sheet	C	1								