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List of "SFW__R-1/2STAE1LF" customer document

DOCUMENT NO.	LIST
SC-SFW14	SPEC.
JSA95886	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR (SFW__R-1/2STA__LF)
JSA95887	1mm SPACING SMT CONNECTOR (SFW__R-1STA__LF)
JSA96111	1mm SPACING SMT CONNECTOR (SFW__R-2STA__LF)
JSA95888	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-1/2STAE1LF)
JSA95889	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-1STAE1LF)
JSA96112	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-2STAE1LF)
JSA95890	RECOMMENDED CABLE (FPC) (SFW__R-1/2ST__)
GS-20-129	HANDLING PROCEDURES

mat'l. code -				surface ISO 1302 58 ✓		tolerance ISO 406 ISO 1101		projection		product family 58RF		CODE JP	
litr				ecn no		dr		date		title		dwg no	
A				J05-0055		H.T		'05/2/4		1mm SPACING FPC CONNECTOR DOCUMENT LIST		sheet 1 of 1	
B				J06-0398		H.T		9/26/'06		(Cat. No. : SFW__R-1/2STAE1LF)		size	
C				J09-0358		M.Y		2009-10-5				A4	
D				J09-0380		M.Y		2009-10-27		scale X		type Product Customer Drawing	
sheet index				revision sheet		D		1		FCI		Rev. D	

form: A4

1

2

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

CAT. NO.

SFW (n) R - 1 ST A __ 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 COPELS WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~D.

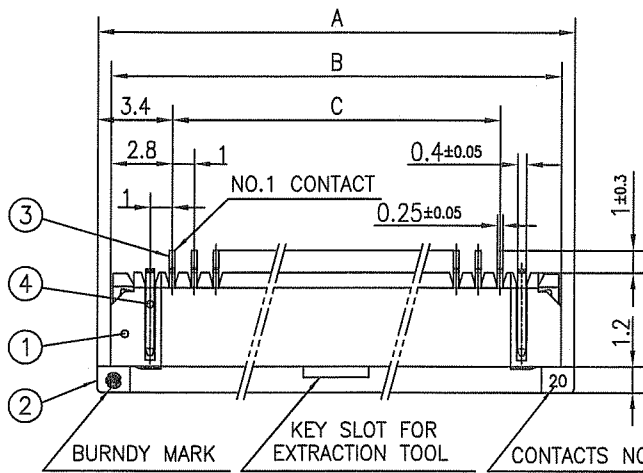
mat'l. code				surface 58/ISO 1302		tolerance ISO 406 ISO 1101		projection		product family 58RF		CODE JP	
ltr				ecn no		dr		date		title		CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1/2STA__LF)	
AA				J04-0413		H.T		11/16/04		mm			
AB				J05-0055		H.T		2/4/05		scale			
AC				J06-0398		H.T		9/26/06		X			
AD				J09-0358		M.Y		2009-10-5		FCI		sheet 1 of 1 size A4	
												JSA 95886	
												type Product Customer Drawing	
sheet index				revision sheet		AD 1						Rev. AD	

SC-SFW14 JSA95887 96111 95888 95889 96112 95890

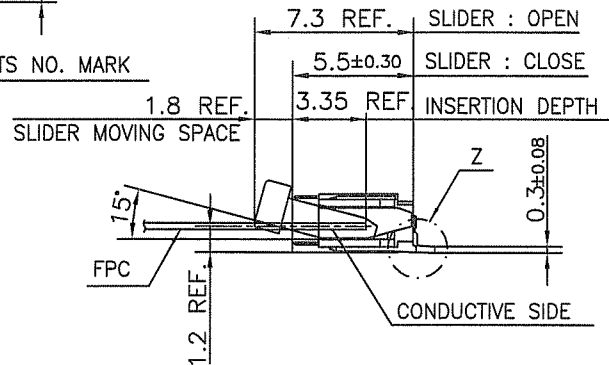
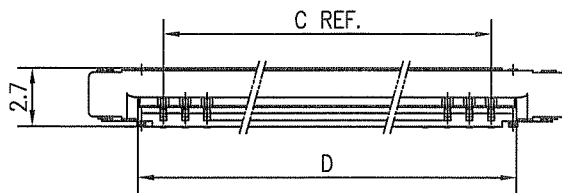
form: A4

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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	CONTACT AREA : GOLD TARMINAL AREA : TIN
4	MOUNTING PLATE		2	PLATING : TIN

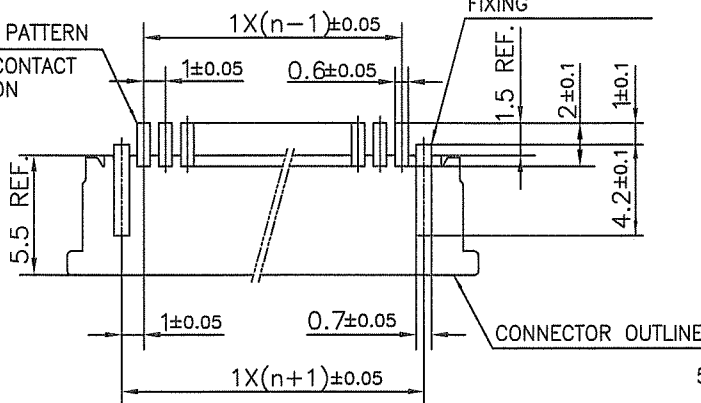
n : NO. OF CONTACTS

NOTES

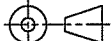
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS FOR CONTACT TERMINAL HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER?COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

BASIC PATTERN
NO.1 CONTACT
POSITION

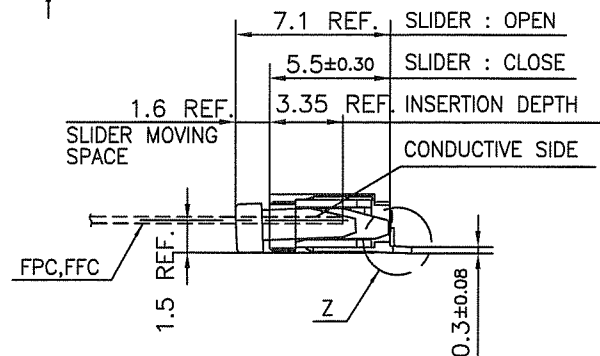
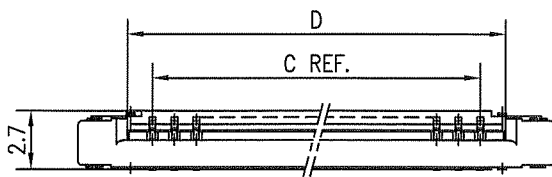
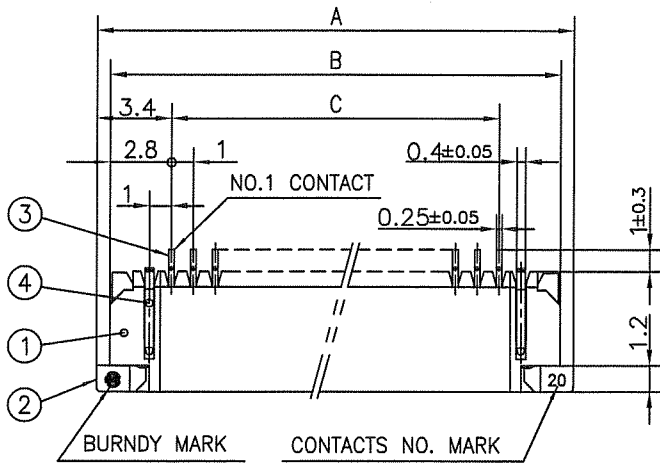


5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

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								title 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1STA__LF)					
AA	J04-0329	H.T	9/27/'04	angles	linear	±0.2											
AB	J05-0055	H.T	2/4/'05														
AC	J05-0736	H.T	10/28/'05														
AD	J06-0398	H.T	9/26/'06	dr	M. YAHAGITA 2009-10-5					dwg no				sheet 1 of 1		size A4	
AE	J09-0358	M.Y	2009-10-5	enr	M. YAHAGITA 2009-10-5					JSA 95887							
				chr	S. K. K. 2009-10-6												
				appd	S. Chakraborty 2009-10-6												
sheet index		revision	AE														Rev. AE
sheet		sheet	1														

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form: A4

JSA95886



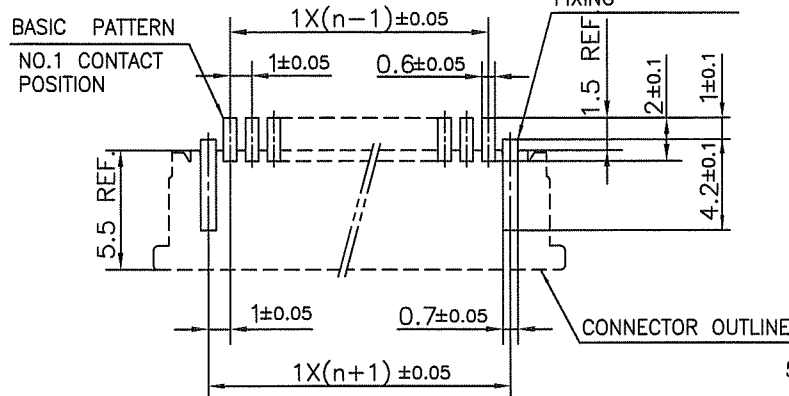
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BROWN
2	SLIDER		1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	CONTACT AREA : GOLD TARMINAL AREA : TIN
4	MOUNTING PLATE		2	PLATING : TIN

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 UPPER CONTACT TYPE CONNECTOR.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER?COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)



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 406	projection	product family	CODE JP
				ISO 1302	ISO 1101		58RF	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title	
A	J04-0413	H.T	11/16/04	angles	linear			
B	J05-0055	H.T	2/4/05				1mm SPACING SMT CONNECTOR	
C	J05-0736	H.T	10/28/05				(Cat. No. SFW__R-2STA__LF)	
D	J06-0398	H.T	9/26/06	dr	H.YAMASHITA	scale	dwg no	sheet 1 of 1
E	J09-0358	M.Y	2009-10-5	engr	H.YAMASHITA		JSA 96111	size A4
				chr	S.W.K.		type Product Customer Drawing	
				appd	J. Dadani			
sheet index	revision sheet	E	1					Rev. E

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form: A4

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
		E ± 5	F ± 0.3	G ± 0.1
4	SFW4R-1/2STAE1 LF	20.4	16	—
5	SFW5R-1/2STAE1 LF	28.4	24	—
6	SFW6R-1/2STAE1 LF	28.4	24	—
7	SFW7R-1/2STAE1 LF	28.4	24	—
8	SFW8R-1/2STAE1 LF	28.4	24	—
9	SFW9R-1/2STAE1 LF	28.4	24	—
10	SFW10R-1/2STAE1 LF	28.4	24	—
11	SFW11R-1/2STAE1 LF	28.4	24	—
12	SFW12R-1/2STAE1 LF	28.4	24	—
13	SFW13R-1/2STAE1 LF	36.4	32	28.4
14	SFW14R-1/2STAE1 LF	36.4	32	28.4
15	SFW15R-1/2STAE1 LF	36.4	32	28.4
16	SFW16R-1/2STAE1 LF	36.4	32	28.4
17	SFW17R-1/2STAE1 LF	48.4	44	40.4
18	SFW18R-1/2STAE1 LF	48.4	44	40.4
19	SFW19R-1/2STAE1 LF	48.4	44	40.4
20	SFW20R-1/2STAE1 LF	48.4	44	40.4
21	SFW21R-1/2STAE1 LF	48.4	44	40.4
22	SFW22R-1/2STAE1 LF	48.4	44	40.4
23	SFW23R-1/2STAE1 LF	48.4	44	40.4
24	SFW24R-1/2STAE1 LF	48.4	44	40.4
25	SFW25R-1/2STAE1 LF	48.4	44	40.4
26	SFW26R-1/2STAE1 LF	48.4	44	40.4
27	SFW27R-1/2STAE1 LF	48.4	44	40.4
28	SFW28R-1/2STAE1 LF	60.4	56	52.4
29	SFW29R-1/2STAE1 LF	60.4	56	52.4
30	SFW30R-1/2STAE1 LF	60.4	56	52.4

CAT. NO.

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

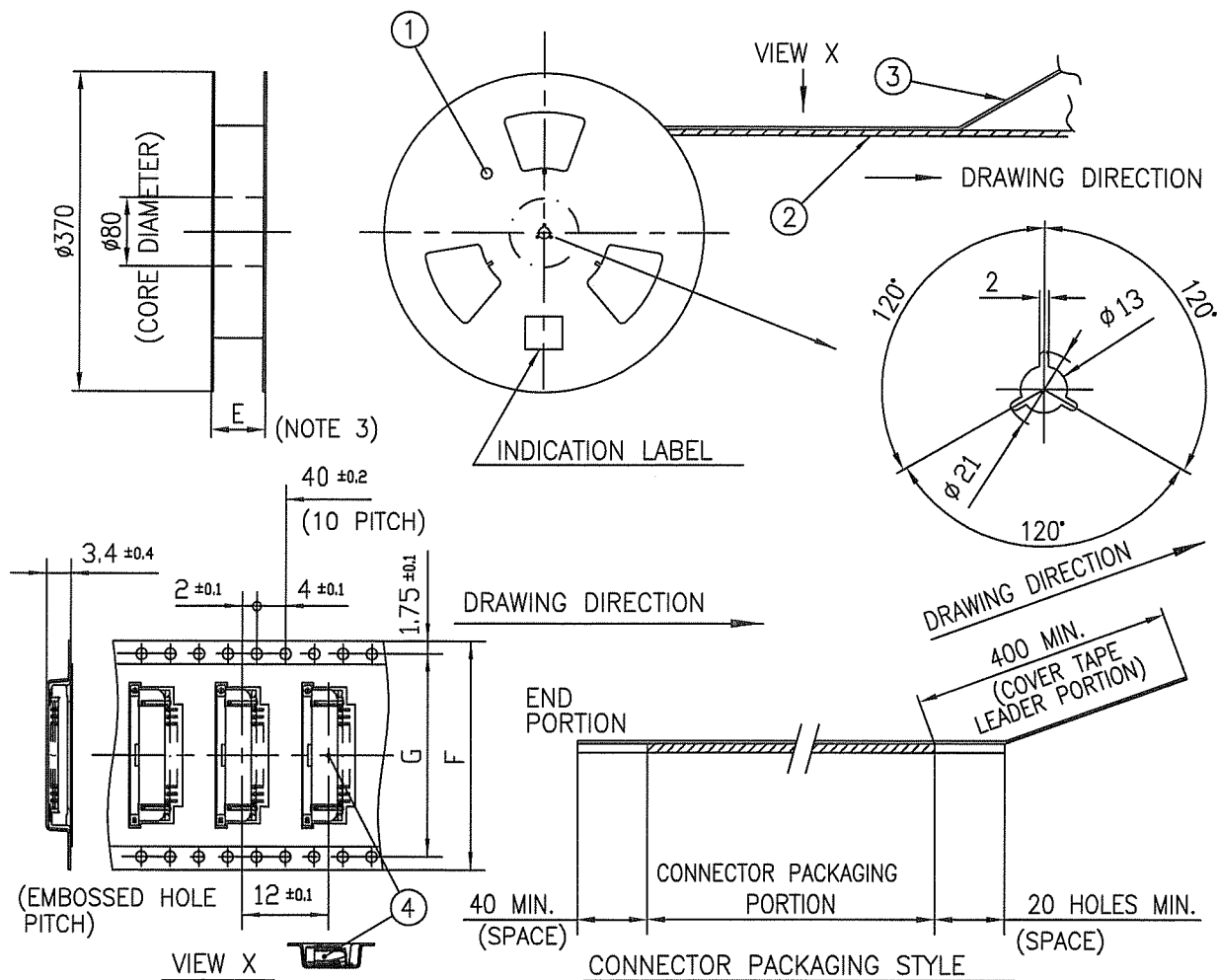
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COTES WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS E~G.

mat'l. code				surface 58/ISO 1302		tolerance ISO 406/ISO 1101		projection		product family 58RF		CODE JP	
litr ecn no dr date				tolerances unless otherwise specified		angles linear		mm		title			
AA J04-0413 H.T 11/16/04										CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1/2STAE1 LF)			
AB J05-0055 H.T 2/4/05										dwg no sheet 1 of 1 size			
AC J06-0398 H.T 9/26/06										JSA 95888 A4			
AD J09-0358 M.Y 2009-10-5				dr H.YAMASHITA 2009-10-5		engr H.YAMASHITA 2009-10-5		chr S. V. 2009-10-6		appd J. Chidam 2009-10-6		type Product Customer Drawing	
sheet index		revision sheet		AD 1								Rev. AD	

SC_SFW14 form: A4 JSA95886 95889 96112

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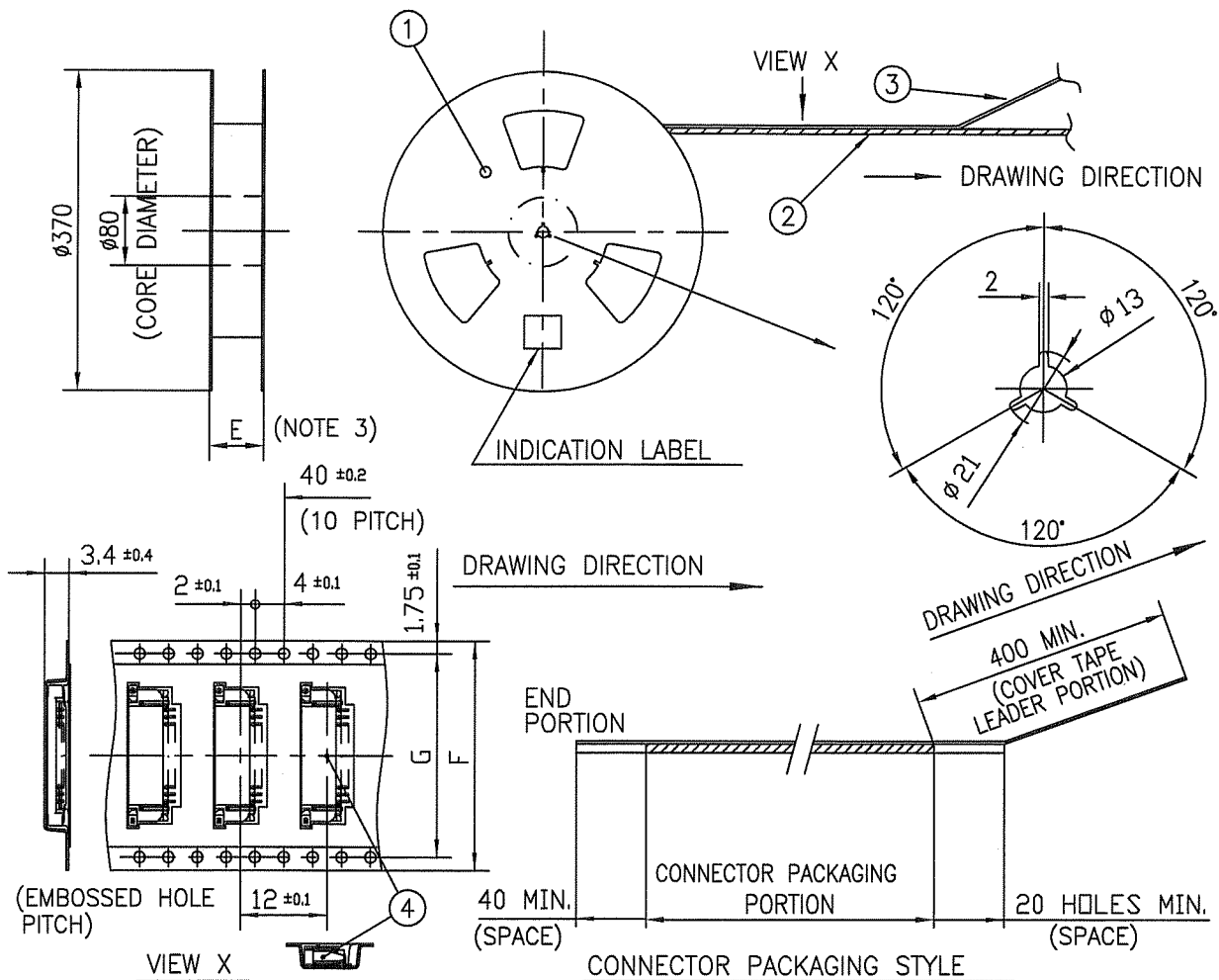
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSS) TAPE	_____	PET	_____	COLOR:TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR:TRANSPARENCY
4	CONNECTOR	SFW_R-1STA_LF	SEE ATTACHED DWG.	2000	LOWER CONTACT TYPE

NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC 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-1STAE1 LF)			
AA	J05-0055	H.T	2/4/05	angles	linear		±5		mm				
AB	J06-0398	H.T	9/26/06	±5'					scale $\times$				
AC	J09-0358	M.Y	2009-10-5	dr		M.YAMASHITA		2009-10-5		dwg no		sheet 1 of 1	
				enr		H.YAMASHITA		2009-10-5		JSA 95889		size A4	
				chr		S. W. H.		2009-10-6					
				appd		J. Chidambaram		2009-10-6		type		Product Customer Drawing	
sheet index	revision	AC	1									Rev. AC	

SC_SFW14
form: A4



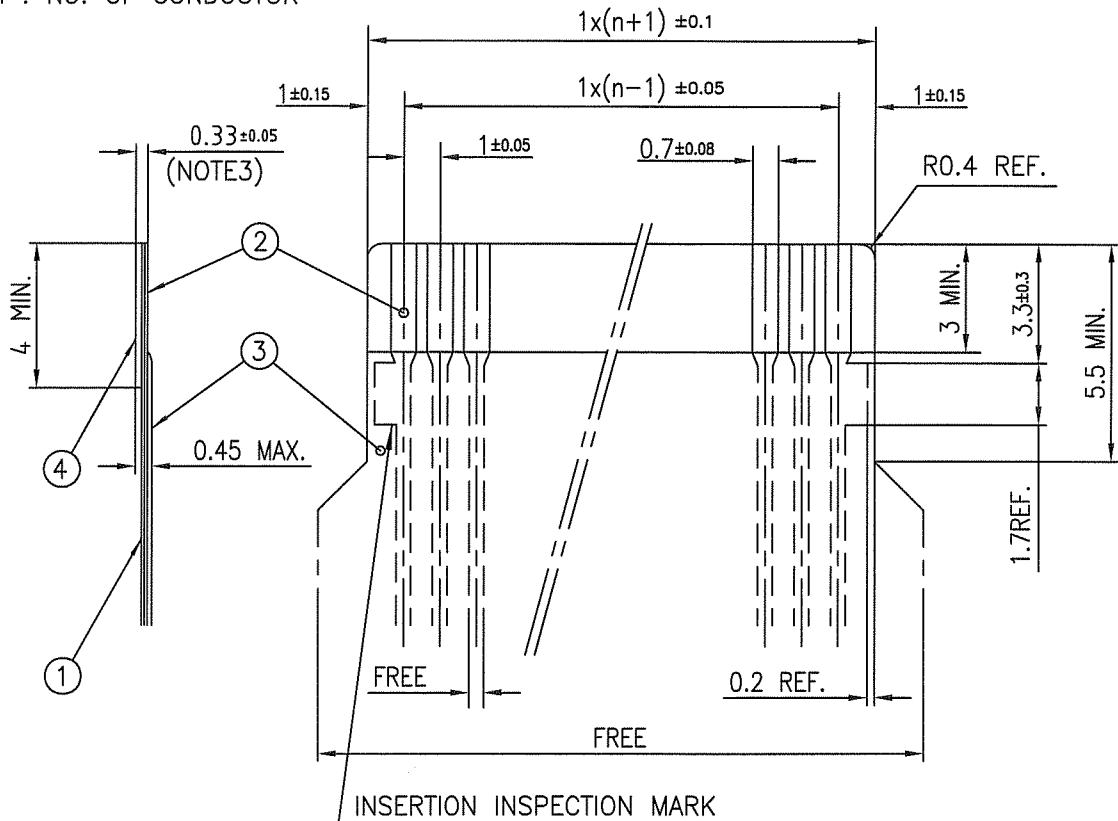
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSS) TAPE	_____	PET	_____	COLOR:TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR:TRANSPARENCY
4	CONNECTOR	SFW__R-2STA__LF	SEE ATTACHED DWG.	2000	UPPER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND CYPES 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 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-2STAE1 LF)	
A	J04-0413	H.T	11/16/04	angles	mm		
B	J05-0055	H.T	2/4/05	linear	mm	dwg no JSA 96112	
C	J06-0398	H.T	9/26/06	±5°	mm		
D	J09-0358	M.Y	2009-10-5	dr	mm	sheet 1 of 1 size A4	
				engr	mm		
				chr	mm	type Product Customer Drawing	
				appd	mm		
sheet index	revision sheet	D	1				Rev. D

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 GOLD 0.5um 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 406 ISO 1101		projection		product family 58RF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title			
AA	J04-0413	H.T	11/16/04	angles linear		mm		RECOMMENDED CABLE			
AB	J06-0398	H.T	9/26/06			scale X		(Cat. No. SFW__R-1/2STA_)			
AC	J09-0358	M.Y	2009-10-5			FCI		dwg no sheet 1 of 1 size			
				dr MSYAHAGITA 2009-10-5				JSA 95890 A4			
				engr MSYAHAGITA 2009-10-5				type Product Customer Drawing			
				chr S. Nishida 2009-10-6							
				appd S. Chudani 2009-10-6							
sheet index	revision	AC	1					Rev. AC			