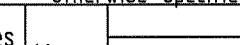
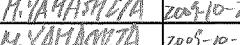


List of "SFW__R-3/4STE1LF" customer document

A	DOCUMENT NO.	LIST	A
	SC-STW11	SPEC.	
	JSA95860	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR (SFW__R-3/4ST__LF)	
	JSA95861	1mm SPACING SMT CONNECTOR (SFW__R-3ST__LF)	
	JSA95862	1mm SPACING SMT CONNECTOR (SFW__R-4ST__LF)	
	JSA95863	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3/4STE1LF)	
B	JSA95864	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3STE1LF)	B
	JSA95865	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-4STE1LF)	
	JSA93212	RECOMMENDED CABLE (FPC) (SFW__R-3/4ST__)	
	JSA93213  C	RECOMMENDED CABLE (FFC) (SFW__R-3/4ST__)	
	GS-20-130	HANDLING PROCEDURES	

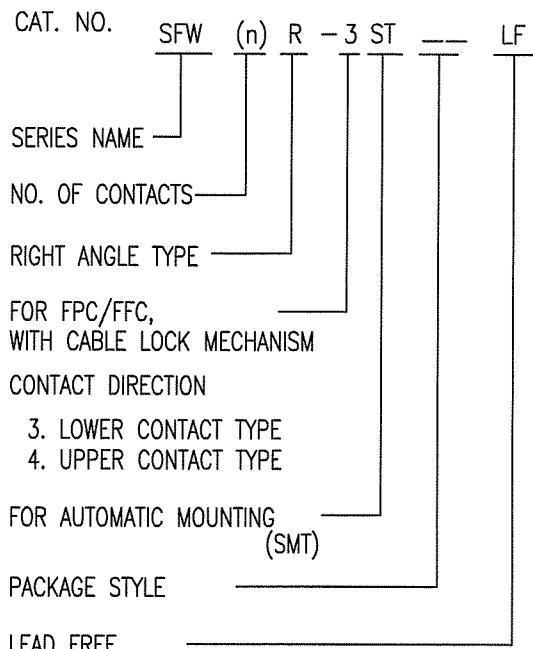
NOTE

1. A  symbol will be next to any dimension, view, or note which has been modified with the current drawing revision.

mat'l. code				surface 58	tolerance ISO 406	projection	product family	58RF	CODE JP
ISO 1302				ISO 1101					
tolerances unless otherwise specified									
ltr ecn no dr date							title		
A J05-0055 H.T 05-02-04				angles	linear		1mm SPACING FPC CONNECTOR DOCUMENT LIST		
B J06-0398 H.T 06-09-26							(Cat. No. : SFW__R-3/4STE1LF)		
C S09-0180 DGOH 09-05-28							dwg no	sheet 1 of 1	size
							JSA 96338		A4
D J09-0363 M.Y 2009-10-8 dr  2009-10-27				chr  2009-10-27	appd  2009-10-27		type	Product Customer Drawing	
E J09-0380 M.Y 2009-10-27 engr  2009-10-27									
sheet index	revision	E							
	sheet	1							

CAT. NO. & DIMENSIONS

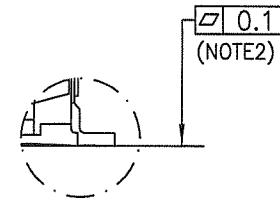
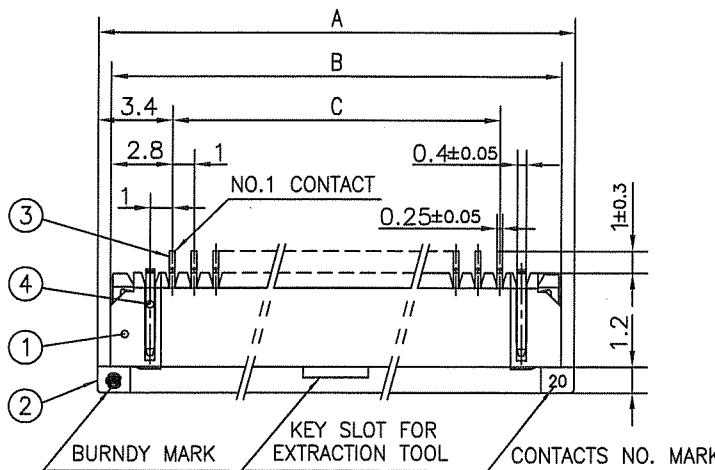
NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE2)			
		A ± 0.2	B ± 0.2	C ± 0.2	D ± 0.1
4	SFW4R-3/4ST_LF	9.8	8.6	3.0	3.92
5	SFW5R-3/4ST_LF	10.8	9.6	4.0	4.92
6	SFW6R-3/4ST_LF	11.8	10.6	5.0	5.92
7	SFW7R-3/4ST_LF	12.8	11.6	6.0	6.92
8	SFW8R-3/4ST_LF	13.8	12.6	7.0	7.92
9	SFW9R-3/4ST_LF	14.8	13.6	8.0	8.92
10	SFW10R-3/4ST_LF	15.8	14.6	9.0	9.92
11	SFW11R-3/4ST_LF	16.8	15.6	10.0	10.92
12	SFW12R-3/4ST_LF	17.8	16.6	11.0	11.92
13	SFW13R-3/4ST_LF	18.8	17.6	12.0	12.92
14	SFW14R-3/4ST_LF	19.8	18.6	13.0	13.92
15	SFW15R-3/4ST_LF	20.8	19.6	14.0	14.92
16	SFW16R-3/4ST_LF	21.8	20.6	15.0	15.92
17	SFW17R-3/4ST_LF	22.8	21.6	16.0	16.92
18	SFW18R-3/4ST_LF	23.8	22.6	17.0	17.92
19	SFW19R-3/4ST_LF	24.8	23.6	18.0	18.92
20	SFW20R-3/4ST_LF	25.8	24.6	19.0	19.92
21	SFW21R-3/4ST_LF	26.8	25.6	20.0	20.92
22	SFW22R-3/4ST_LF	27.8	26.6	21.0	21.92
23	SFW23R-3/4ST_LF	28.8	27.6	22.0	22.92
24	SFW24R-3/4ST_LF	29.8	28.6	23.0	23.92
25	SFW25R-3/4ST_LF	30.8	29.6	24.0	24.92
26	SFW26R-3/4ST_LF	31.8	30.6	25.0	25.92
27	SFW27R-3/4ST_LF	32.8	31.6	26.0	26.92
28	SFW28R-3/4ST_LF	33.8	32.6	27.0	27.92
29	SFW29R-3/4ST_LF	34.8	33.6	28.0	28.92
30	SFW30R-3/4ST_LF	35.8	34.6	29.0	29.92



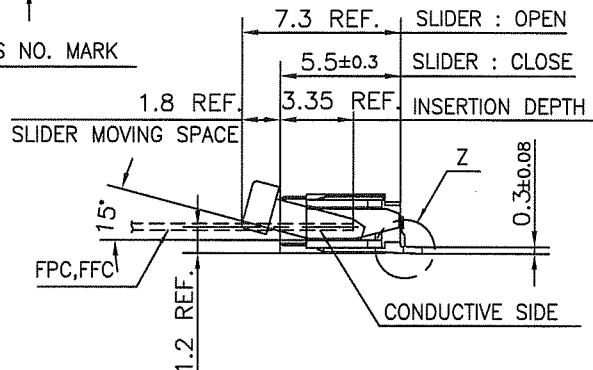
NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPIES WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~D.
3. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

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	CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3/4ST__LF)				
AA	J05-0055	H.T	2/4/05	angles				mm	dwg no JSA 95860				
AB	J06-0398	H.T	9/26/06					scale X					
AC	J09-0363	M.Y	2009-10-8	dr	M.YAMASHITA	2009-10-8	FCI	size A4	type Product Customer Drawing	Rev. AC			
				engr	M.YAMASHITA	2009-10-8							
				chr	S.Watari	2009-10-8							
				appd	J.Nakamura	2009-10-8							
sheet	revision	AC											
index	sheet	1											



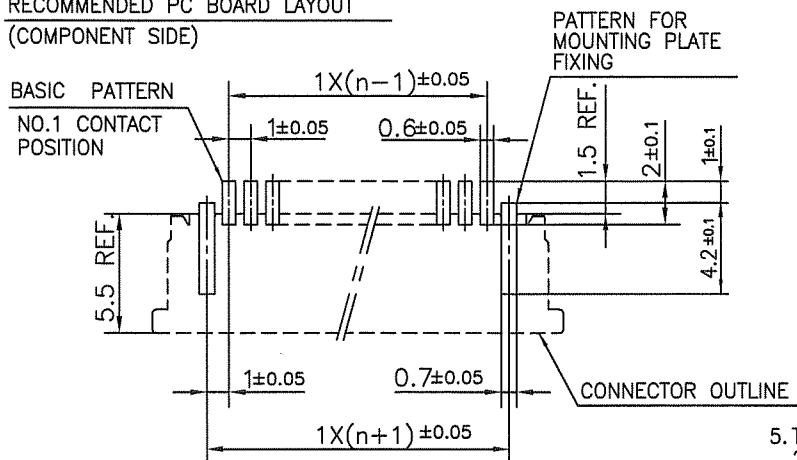
DETAIL Z



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

n : NO. OF CONTACTS

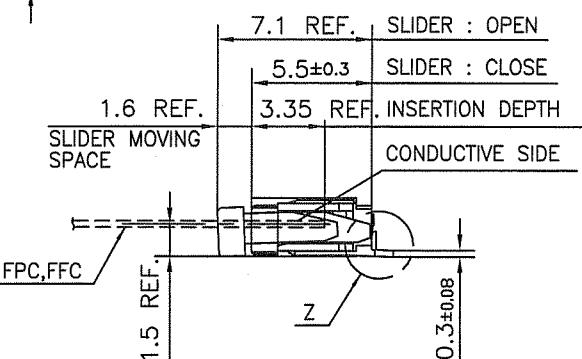
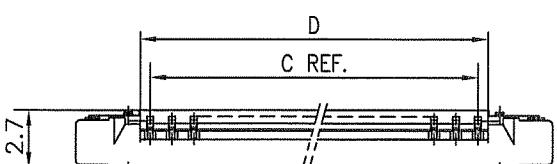
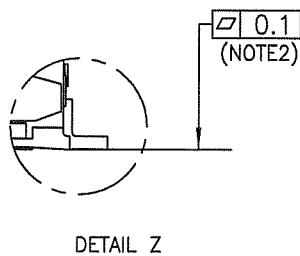
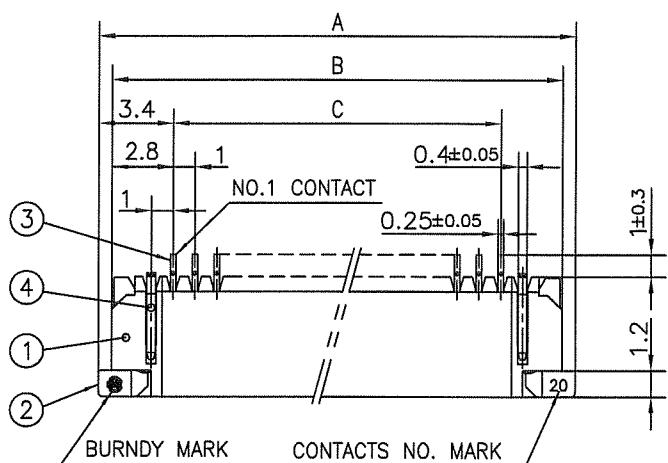
NOTES

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPIES 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 WITH CABLE LOCK MECHANISM.
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 406	projection	product family 58RF	CODE JP		
Ltr	ecn no	dr	date	tolerances unless otherwise specified			title			
AA	J04-0180	H.T	7/2/04	angles		±0.2	1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3ST__LF)			
AB	J05-0055	H.T	2/4/05	linear						
AC	J05-0736	H.T	10/28/05							
AD	J06-0398	H.T	9/26/06	dr	14.YAMASHITA	2009-10-8	dwg no			
AE	J09-0363	M.Y	2009-10-8	engr	14.YAMASHITA	2009-10-8	sheet 1 of 1			
				chr	S. Watanabe	2009-10-8	size			
				appd	S. Chodan	2009-10-8	A4			
sheet		revision	AE							
index		sheet	1							

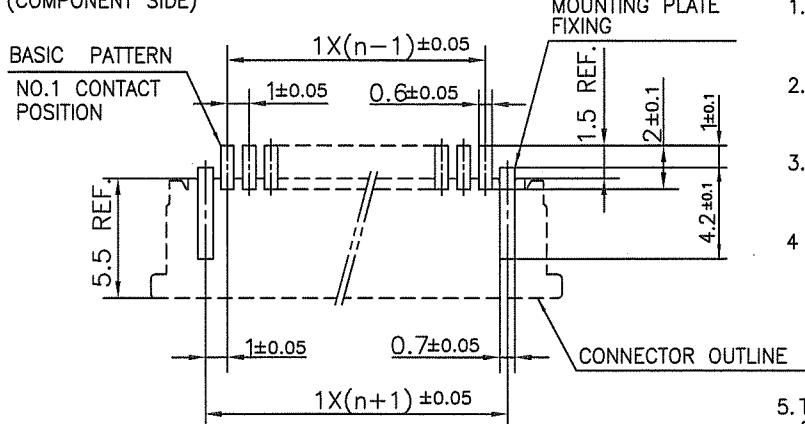
SC_SFW11 JSA95860
form: A4



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

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



NOTES

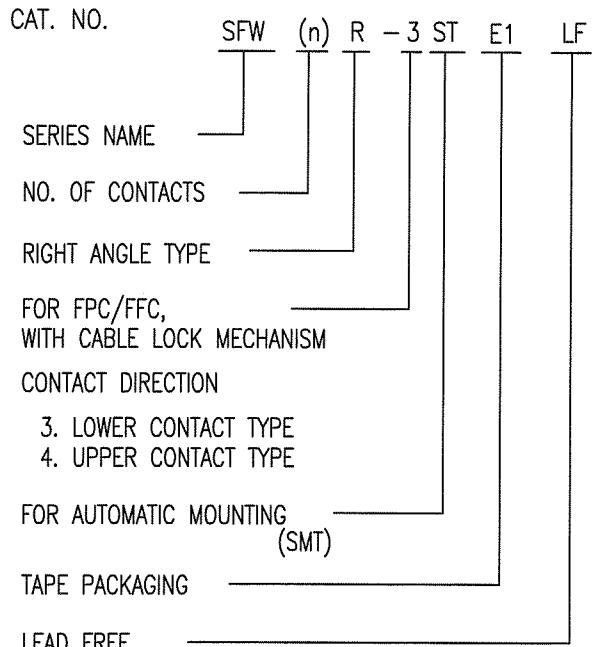
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPIES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS FOR CONTACT TERMINAL HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS UPPER CONTACT TYPE CONNECTOR WITH CABLE LOCK MECHANISM.
4. THIS PRODUCT MEETS EUROPEAN UNION 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 ISO 1302	tolerance ISO 406 ISO 1101	projection	product family	58RF	CODE JP
ltr	ecn no	dr	date	tolerances, unless otherwise specified			scale	X	title
AA	J04-0180	H.T	7/2/04						1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-4ST__LF)
AB	J05-0055	H.T	2/4/05	angles	linear	±0.2			dwg no JSA 95862 size A4 type Product Customer Drawing
AC	J05-0736	H.T	10/28/05						
AD	J06-0398	H.T	9/26/06	dr	H.YAMASHITA	2009-10-8			
AE	J09-0363	M.Y	2009-10-8	engr	H.YAMASHITA	2009-10-8			
				chr	S. Watanabe	2009-10-8			
				appd	S. Ando	2009-10-8			
sheet		revision	AE						Rev. AE
index		sheet	1						

CAT. NO. & DIMENSIONS

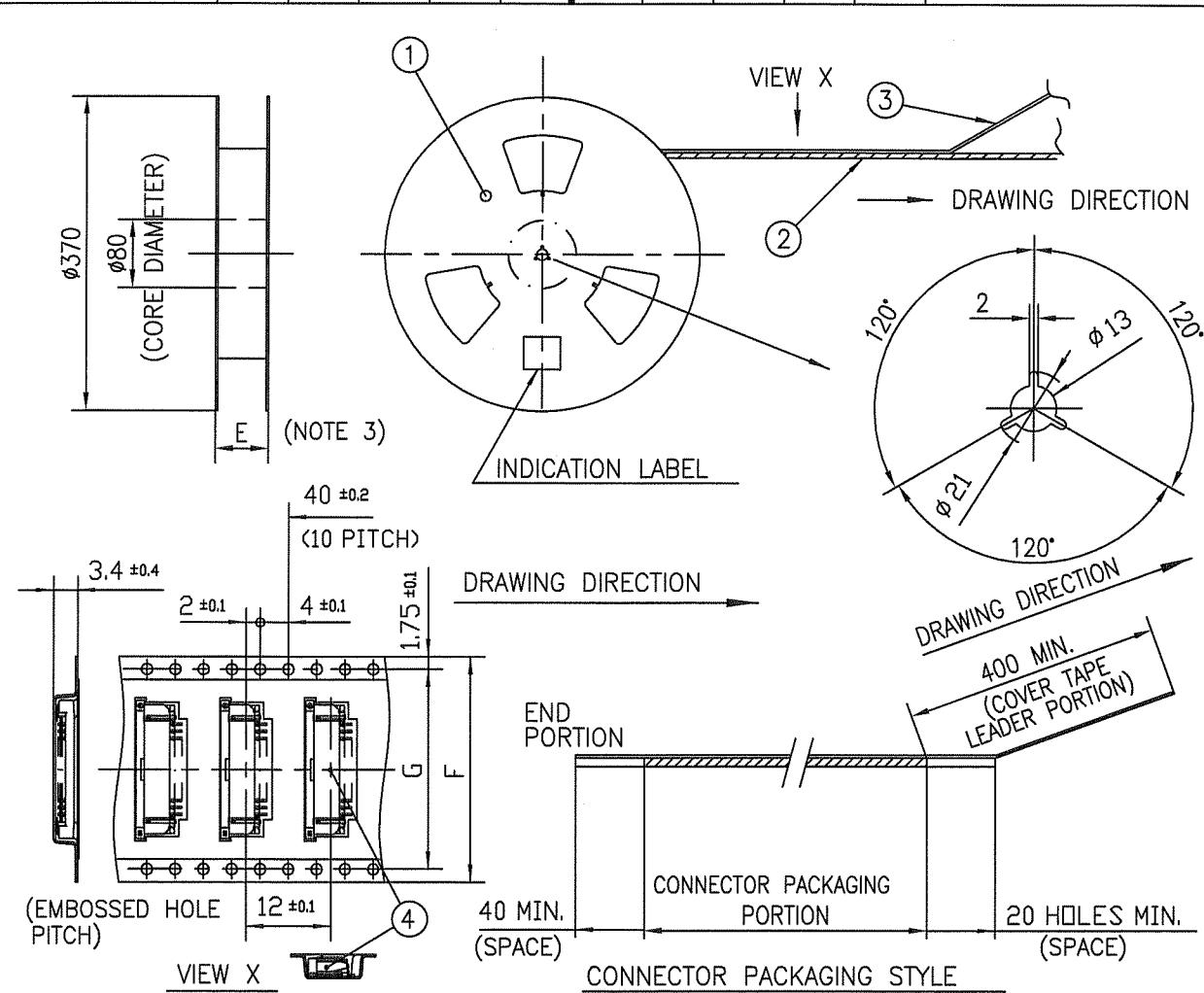
NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
		E ± 5	F ± 0.3	G ± 0.1
4	SFW4R-3/4STE1 LF	20.4	16	—
5	SFW5R-3/4STE1 LF	28.4	24	—
6	SFW6R-3/4STE1 LF	28.4	24	—
7	SFW7R-3/4STE1 LF	28.4	24	—
8	SFW8R-3/4STE1 LF	28.4	24	—
9	SFW9R-3/4STE1 LF	28.4	24	—
10	SFW10R-3/4STE1 LF	28.4	24	—
11	SFW11R-3/4STE1 LF	28.4	24	—
12	SFW12R-3/4STE1 LF	28.4	24	—
13	SFW13R-3/4STE1 LF	36.4	32	28.4
14	SFW14R-3/4STE1 LF	36.4	32	28.4
15	SFW15R-3/4STE1 LF	36.4	32	28.4
16	SFW16R-3/4STE1 LF	36.4	32	28.4
17	SFW17R-3/4STE1 LF	48.4	44	40.4
18	SFW18R-3/4STE1 LF	48.4	44	40.4
19	SFW19R-3/4STE1 LF	48.4	44	40.4
20	SFW20R-3/4STE1 LF	48.4	44	40.4
21	SFW21R-3/4STE1 LF	48.4	44	40.4
22	SFW22R-3/4STE1 LF	48.4	44	40.4
23	SFW23R-3/4STE1 LF	48.4	44	40.4
24	SFW24R-3/4STE1 LF	48.4	44	40.4
25	SFW25R-3/4STE1 LF	48.4	44	40.4
26	SFW26R-3/4STE1 LF	48.4	44	40.4
27	SFW27R-3/4STE1 LF	48.4	44	40.4
28	SFW28R-3/4STE1 LF	60.4	56	52.4
29	SFW29R-3/4STE1 LF	60.4	56	52.4
30	SFW30R-3/4STE1 LF	60.4	56	52.4



NOTES

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

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 CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW____R-3/4STE1 LF)
AA	J05-0055	H.T	2/4/05	angles	linear		
AB	J06-0398	H.T	9/26/06			scale X	dwg no sheet 1 of 1 size A4
AC	J09-0363	M.Y	2009-10-8				JSA 95863
				dr	M.YAMASHITA 2009-10-8		
				engr	M.YAMASHITA 2009-10-8		
				chr	S.Matsumoto 2009-10-8		
				appd	S.Oudan 2009-10-8		
sheet		revision	AC				
index		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-3ST_LF	SEE ATTACHED DWG.	2000	LOWER CONTACT TYPE

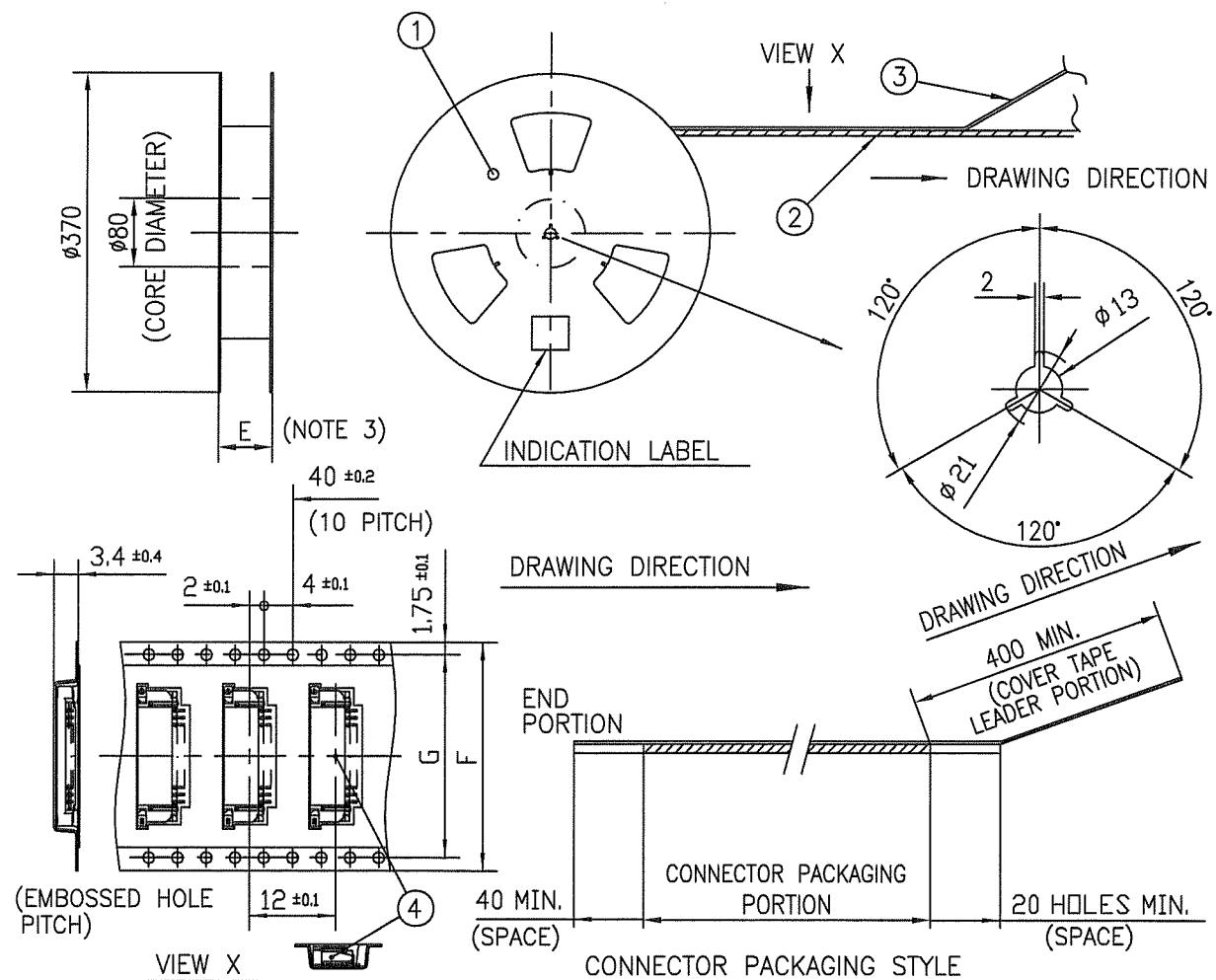
NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC/FFC AND COPIES 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	tolerance	projection	product family	58RF	CODE
ltr	ecn no	dr	date	ISO 1302	ISO 406 ISO 1101				JP
AA	J05-0055	H.T	2/4/05						
AB	J06-0398	H.T	9/26/06						
AC	J09-0363	M.Y	2009-10-8	±5°					
				dr	M.YAMASITA 2009-10-8				
				engr	M.YAMASITA 2009-10-8				
				chr	S.Mitani 2009-10-8				
				appd	S.Cholan 2009-10-8				
sheet		revision	AC						
index		sheet	1						

SC_SFW11 JSA95863

form: A4



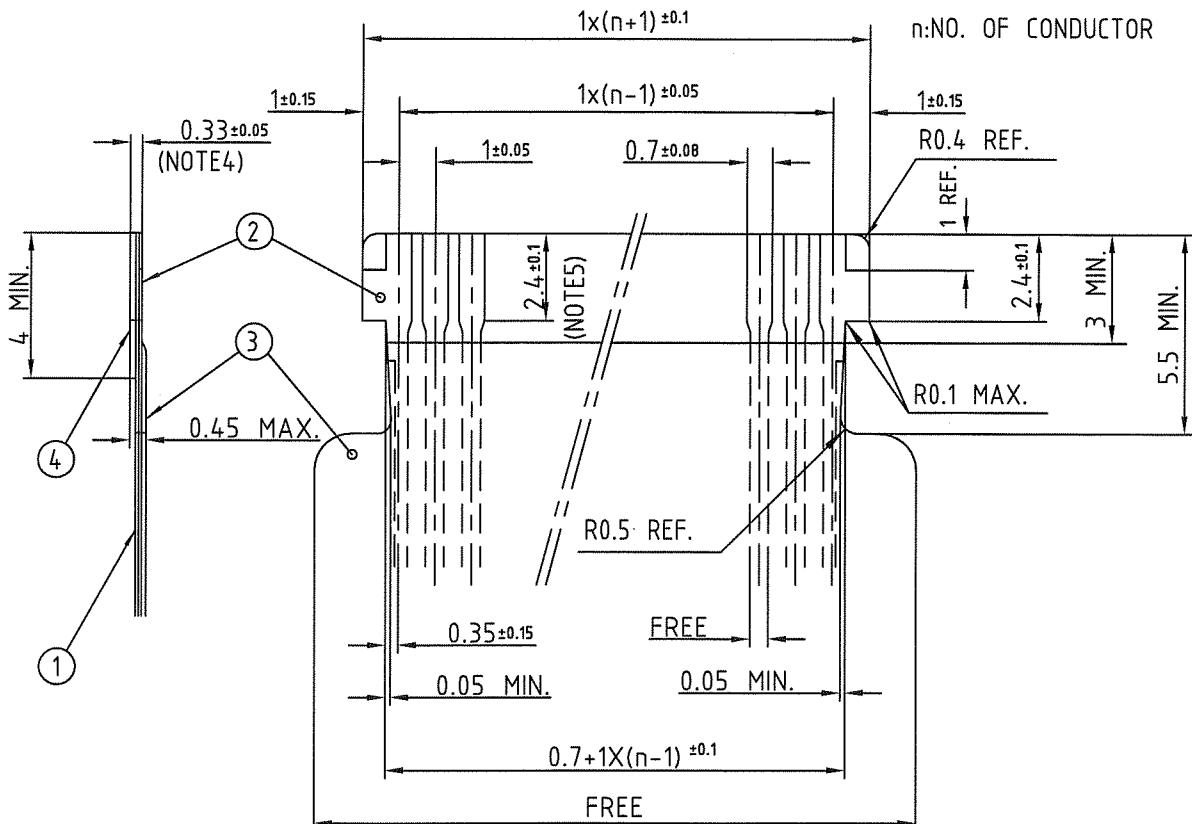
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSS) TAPE	_____	PET	—	COLOR:TRANSPARENCY
3	COVER	_____	POLYESTER	—	COLOR:TRANSPARENCY
4	CONNECTOR	SFW_R-4ST_LF	SEE ATTACHED DWG.	2000	UPPER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC/FFC AND COPIES 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-4STE1 LF)	
AA	J05-0055	H.T	2/4/05	angles	linear	±5	mm		
AB	J06-0398	H.T	9/26/06				scale		
AC	J09-0363	M.Y	2009-10-8	dr	M.YAMASHITA	2009-10-8	dwg no	sheet 1 of 1	
				engr	M.YAMASHITA	2009-10-8	size	JSA 95865	
				chr	S.Mitomo	2009-10-8		A4	
				appd	S.Ueda	2009-10-8	type	Product Customer Drawing	
sheet	revision	AC							Rev. AC
index	sheet	1							

RECOMMENDED CABLE (FPC)

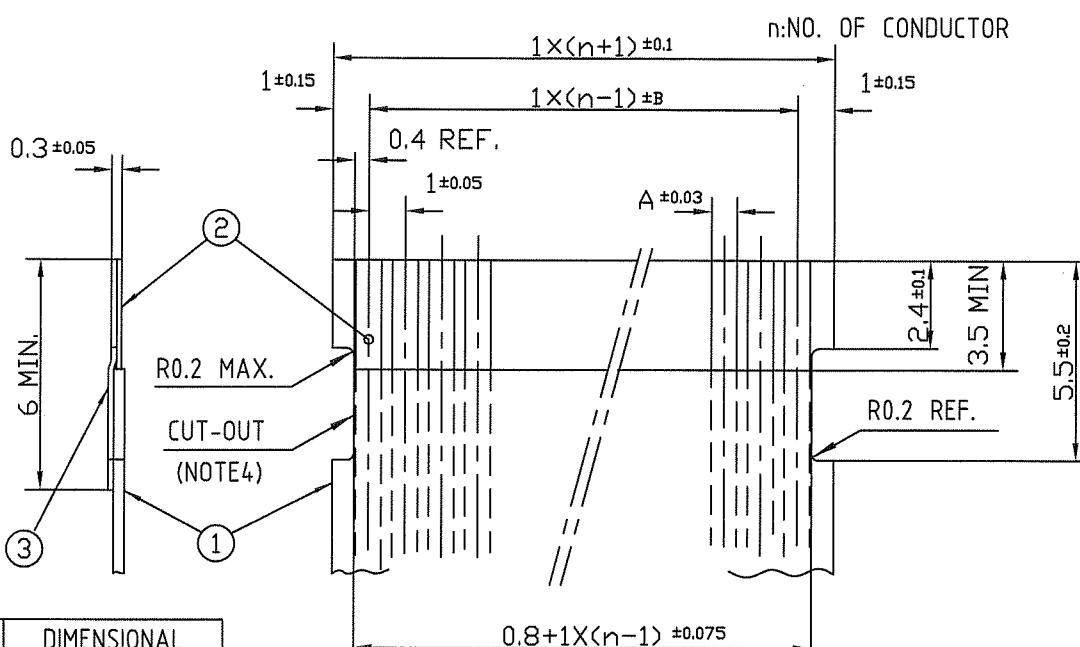


PT. NO.	PARTS NAME	MATERIAL	THICKNESS (μm)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL(PLATING : SOLDER 1μm MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188

NOTES

1. THIS DRAWING INDICATES THE FPC USED THE CONNECTOR WITH CABLE LOCK MECHANISM.
2. NO BURR AT EACH PORTION.
3. NO PEELING IN COMMON USE.
4. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.
5. THIS DIMENSION INDICATES THE RANGE FOR 0.7 ± 0.08 CONDUCTOR WIDTH.

RECOMMENDED CABLE (FFC)



KIND OF FFC (NOTES)	DIMENSIONAL TOLERANCE	
	A	B
1	0.7	0.1
2	0.6	0.07

PT. NO.	PARTS NAME	MATERIAL	NOTE
1	INSULATOR	FLAME RESISTING POLYESTER OR EQUAL	
2	CONDUCTOR	COPPER FOIL	PLATING:TIN OR SOLDER 1um MIN.
3	SUPPORTING TAPE	FLAME RESISTING POLYESTER OR EQUAL	

NOTES

1. THIS DRAWING INDICATES THE FFC USED THE CONNECTOR WITH CABLE LOCK MECHANISM.
2. NO BURR AT EACH PORTION.
3. NO PEELING IN COMMON USE.
4. THERE IS A POSSIBILITY THAT THE CUT-OUT CROSSES THE CONDUCTOR BECAUSE OF DIMENSIONAL TOLERANCE.
5. EITHER KIND1 OR KIND2 OF FFC CAN ACCEPT DIMENSIONAL TOLERANCE a AND b.

mat'l. code			surface 58 ISO 1302		tolerance ISO 406 ISO 1101		projection	product family		CODE			
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm	title		JP		
AA	J05-0055	H.T	2/4/05						RECOMMENDED CABLE				
AB	J06-0398	H.T	9/26/06	angles					(Cat. No. SFW_R-3/4_)				
AC	J09-0363	M.Y	2009-10-8					scale X	dwg no	sheet 1 of 1	size		
				dr	HYAMASHITA		2009-10-8		JSA 93213		A4		
				engr	HYAMASHITA		2009-10-8						
				chr	S. Watanabe		2009-10-8						
				appd	S. Okudera		2009-10-8						
sheet	revision	AC									Rev.		
index	sheet	1									AC		