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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 <input checked="" type="checkbox"/> 58		tolerance 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	'05/4/20	angles	linear	1mm SPACING SMT CONNECTOR DOCUMENT LIST									
B	J06-0398	H.T	9/26/'06					scale $\times$		(Cat. No. : SFW__R-1/2STGE1LF)					
C	J09-0358	M.Y	2009-10-5							dwg no		sheet 1 of 1		size	
D	J09-0380	M.Y	2009-10-27	dr	M.YAMASHITA	2009-10-27	JSA 96364			A4					
				enrg	M.YAMASHITA	2009-10-27									
				chr	S. Withu	2009-10-27									
				appd	S. Dadawan	2009-10-27									
sheet index	revision sheet	D	1									Rev. D			

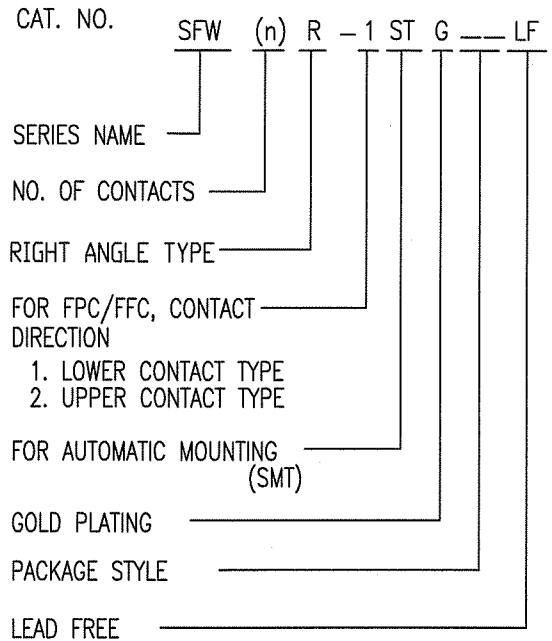
form: A4

1

2

CAT. NO. & DIMENSIONS

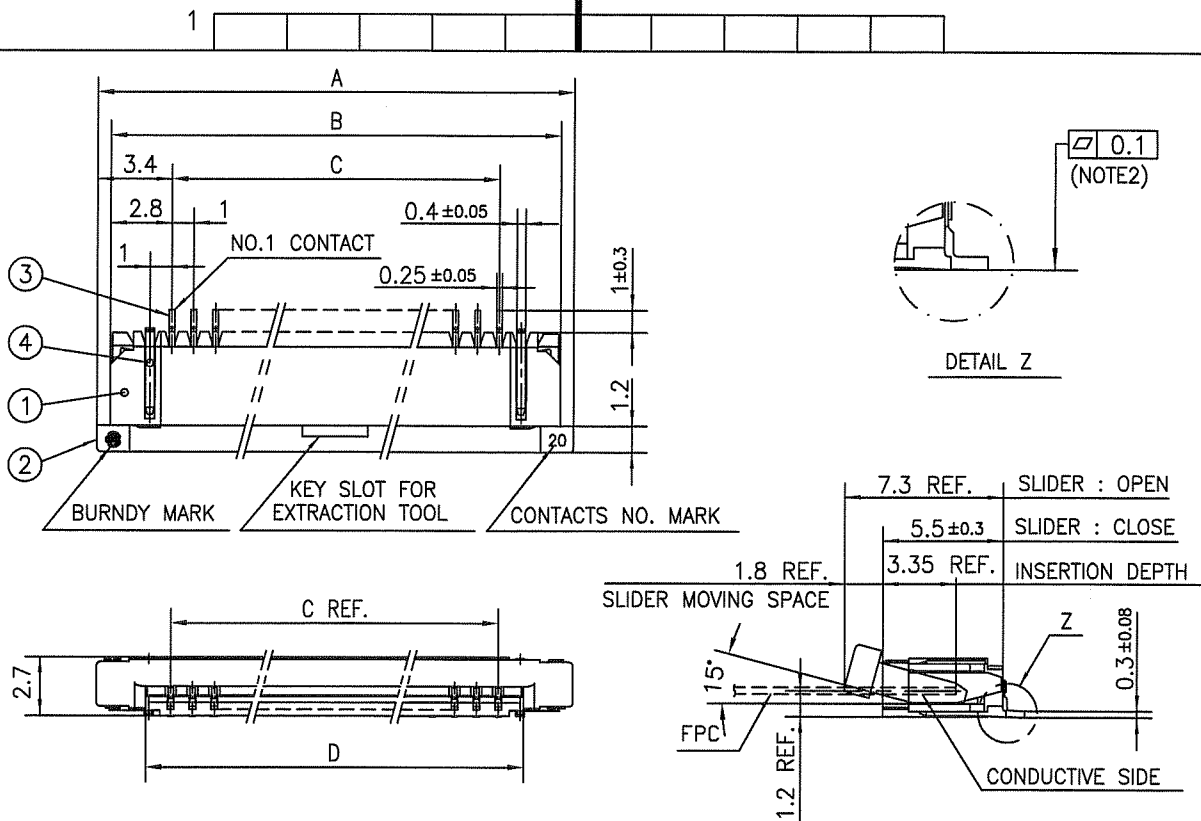
NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE2)			
		A ± 0.2	B ± 0.2	C ± 0.2	D ± 0.1
4	SFW4R-1/2STG__LF	9.8	8.6	3.0	5.3
5	SFW5R-1/2STG__LF	10.8	9.6	4.0	6.3
6	SFW6R-1/2STG__LF	11.8	10.6	5.0	7.3
7	SFW7R-1/2STG__LF	12.8	11.6	6.0	8.3
8	SFW8R-1/2STG__LF	13.8	12.6	7.0	9.3
9	SFW9R-1/2STG__LF	14.8	13.6	8.0	10.3
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



NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPES 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	 mm scale X	title	
A	J05-0243	H.T	4/20/05		CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1/2STG__LF)	
B	J06-0398	H.T	9/26/06			
C	J09-0358	M.Y	2009-10-5		dwg no sheet 1 of 1 size	
		dr	H. YAMASHITA 2009-10-5		JSA 96365 A4	
		enr	H. YAMASHITA 2009-10-5		type Product Customer Drawing	
		chr	S. W. H. 2009-10-6			
		appd	S. W. H. 2009-10-6			
sheet index	revision C	sheet	1			Rev. C



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

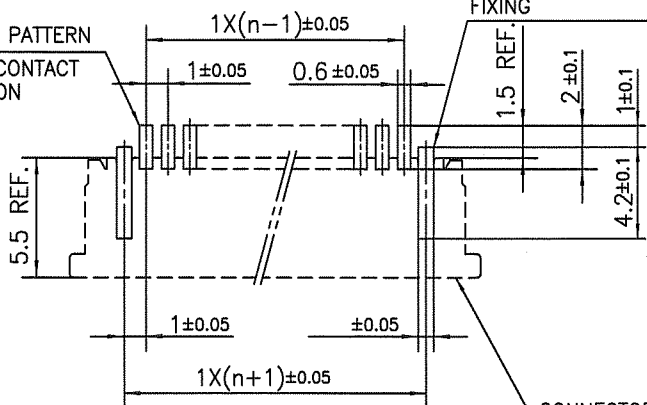
n : NO. OF CONTACTS

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

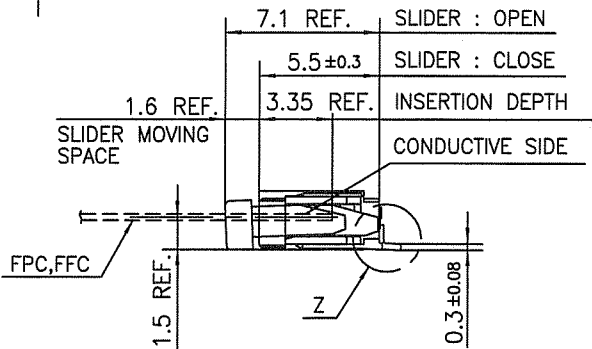
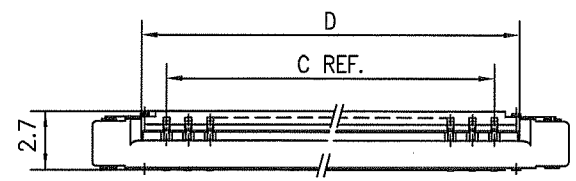
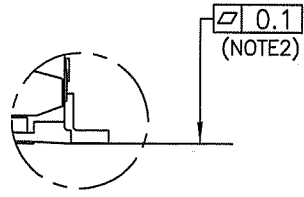


PATTERN FOR  
MOUNTING PLATE  
FIXING

CONNECTOR OUTLINE

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 (Cat. No. SFW__R-1STG__LF)			
B J05-0736 H.T 10/28/05				scale X		dwg no		sheet 1 of 1 size	
C J06-0398 H.T 9/26/06				FCI		JSA 96366		A4	
D J09-0358 M.Y 2009-10-5		dr M.YAMASHITA 2009-10-5				type Product Customer Drawing			
		enr M.YAMASHITA 2009-10-5							
		chr S. W. 2009-10-6							
		appd S. W. 2009-10-6							
sheet index		revision D						Rev. D	
sheet 1		1							

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form: A4



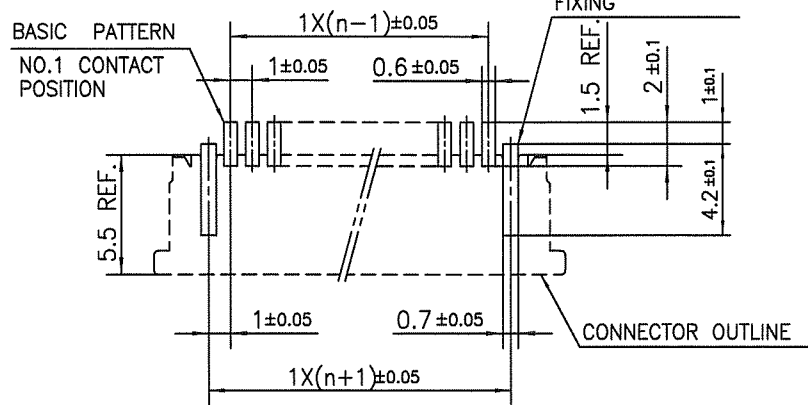
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BROWN
2	SLIDER		1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : GOLD
4	MOUNTING PLATE		2	PLATING : IN

n : NO. OF CONTACTS

NOTES

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

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)



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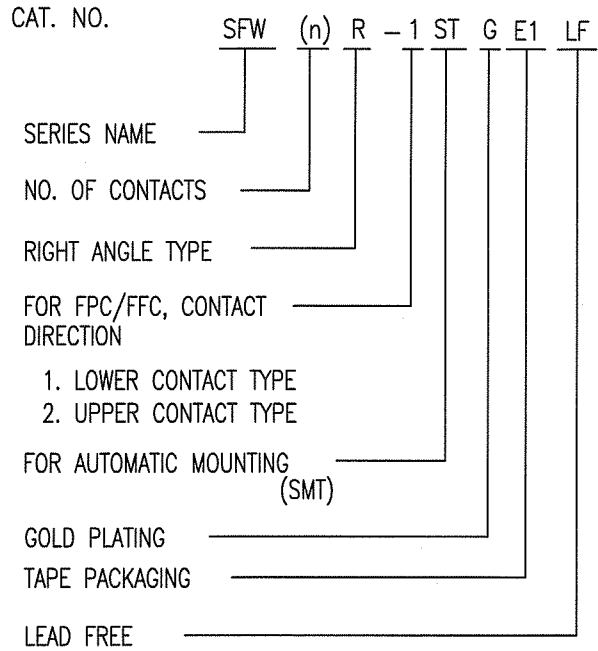
Copyright FCI.

mat'l. code		surface 58 ISO 1302		tolerance ISO 406 ISO 1101		projection		product family 58RF		CODE JP	
ltr		ecn no		dr		date		title		1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-2STG__LF)	
A		J05-0243		H.T		4/20/05		mm		scale X	
B		J05-0736		H.T		10/28/05		angles		linear ±0.2	
C		J06-0398		H.T		9/26/06		linear		scale X	
D		J09-0358		M.Y		2009-10-5		dr		HYAMASHITA 2009-10-5	
								enr		HYAMASHITA 2009-10-5	
								chr		S. W. H. 2009-10-6	
								appd		P. Anderson 2009-10-6	
sheet index		revision		D		sheet		1		Rev. D	

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CAT. NO. & DIMENSIONS

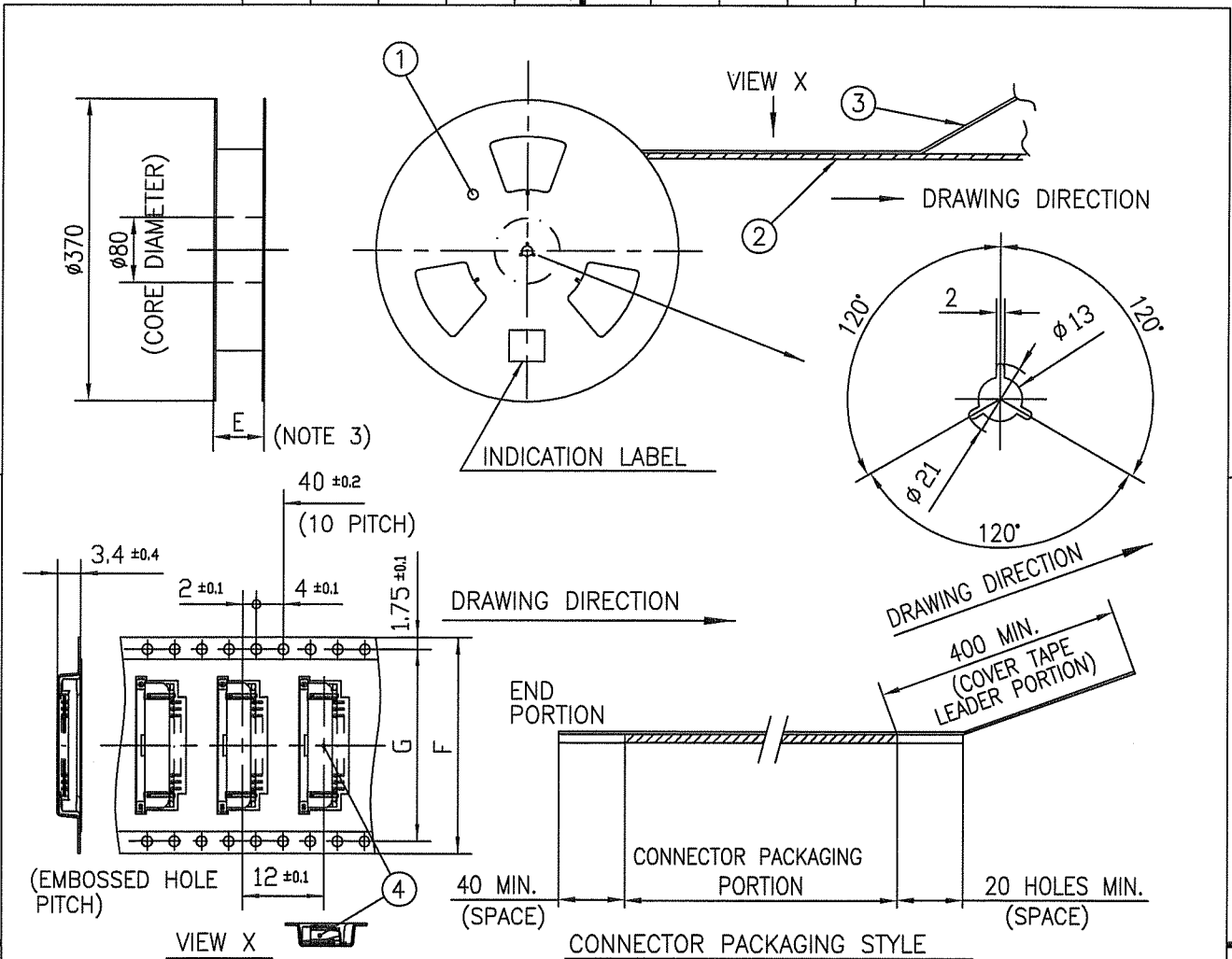
NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
		E ± 5	F ± 0.3	G ± 0.1
4	SFW4R-1/2STGE1LF	20.4	16	—
5	SFW5R-1/2STGE1LF	28.4	24	—
6	SFW6R-1/2STGE1LF	28.4	24	—
7	SFW7R-1/2STGE1LF	28.4	24	—
8	SFW8R-1/2STGE1LF	28.4	24	—
9	SFW9R-1/2STGE1LF	28.4	24	—
10	SFW10R-1/2STGE1LF	28.4	24	—
11	SFW11R-1/2STGE1LF	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



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		title		sheet 1 of 1 size	
A	J05-0243	H.T	4/20/05	angles linear		CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1/2STGE1LF)		A4	
B	J06-0398	H.T	9/26/06			dwg no		JSA 96368	
C	J09-0358	M.Y	2009-10-5			type		Product Customer Drawing	
sheet index		revision C		dr MYAMASITA 2009-10-5		appd S. Chelam 2009-10-6		Rev. C	



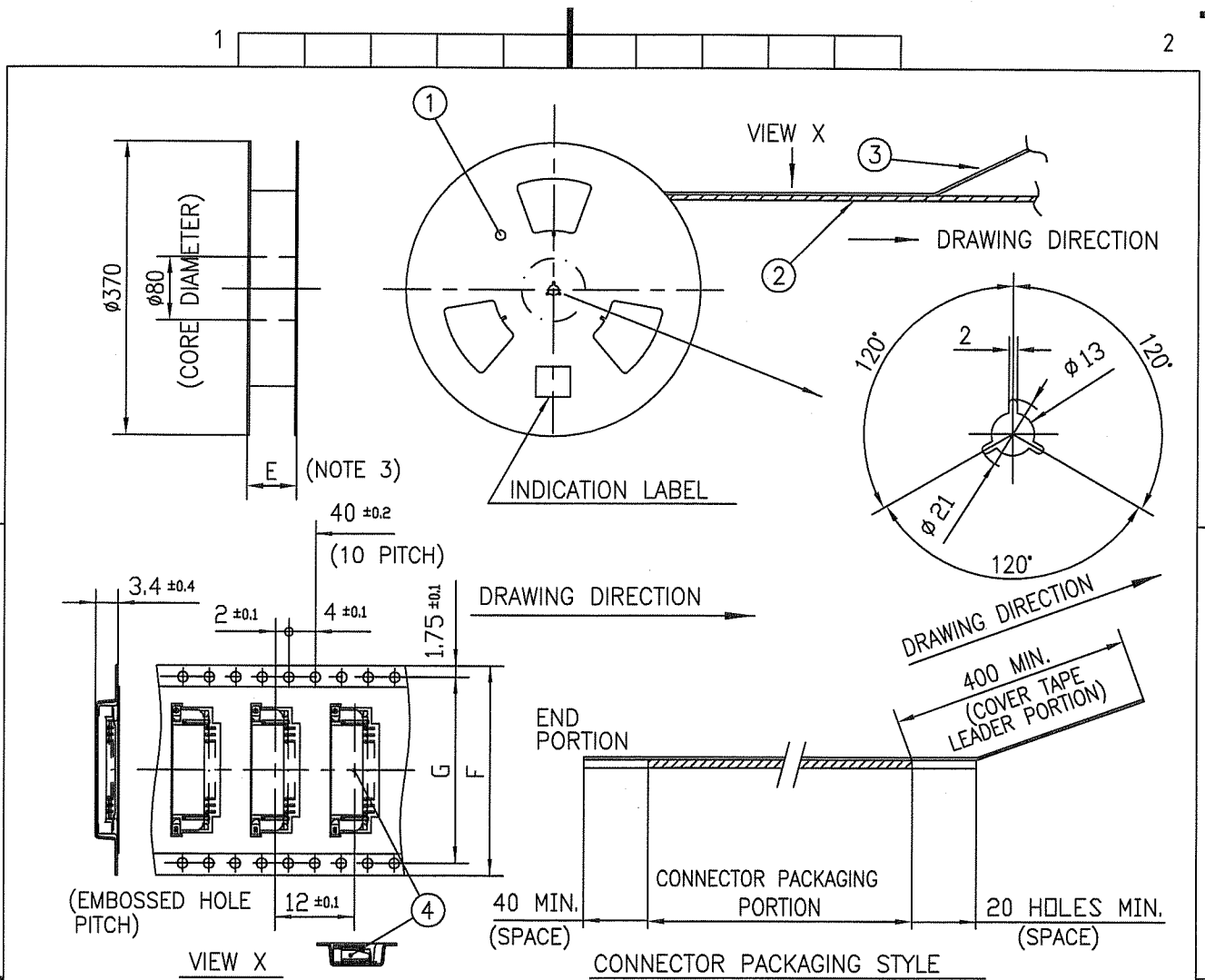
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	—	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSS) TAPE	—	PET	—	COLOR:TRANSPARENCY
3	COVER	—	POLYESTER	—	COLOR:TRANSPARENCY
4	CONNECTOR	SFW_R-1STG_LF	SEE ATTACHED DWG.	2000	LOWER CONTACT TYPE

NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND 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 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection		product family 58RF		CODE JP	
ltr ecn no dr date		tolerances unless otherwise specified		angles linear		mm		title			
A J05-0243 H.T 4/20/05		±5		±5'		scale X		PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1STGE1LF)			
B J06-0398 H.T 9/26/06								dwg no		sheet 1 of 1 size	
C J09-0358 M.Y 2009-10-5								JSA 96369		A4	
		dr H.YAMAMOTO 2009-10-5		enr H.YAMAMOTO 2009-10-5		FCJ		type Product Customer Drawing			
		chr S. Withler 2009-10-6		appd S. Oudam 2009-10-6							
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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

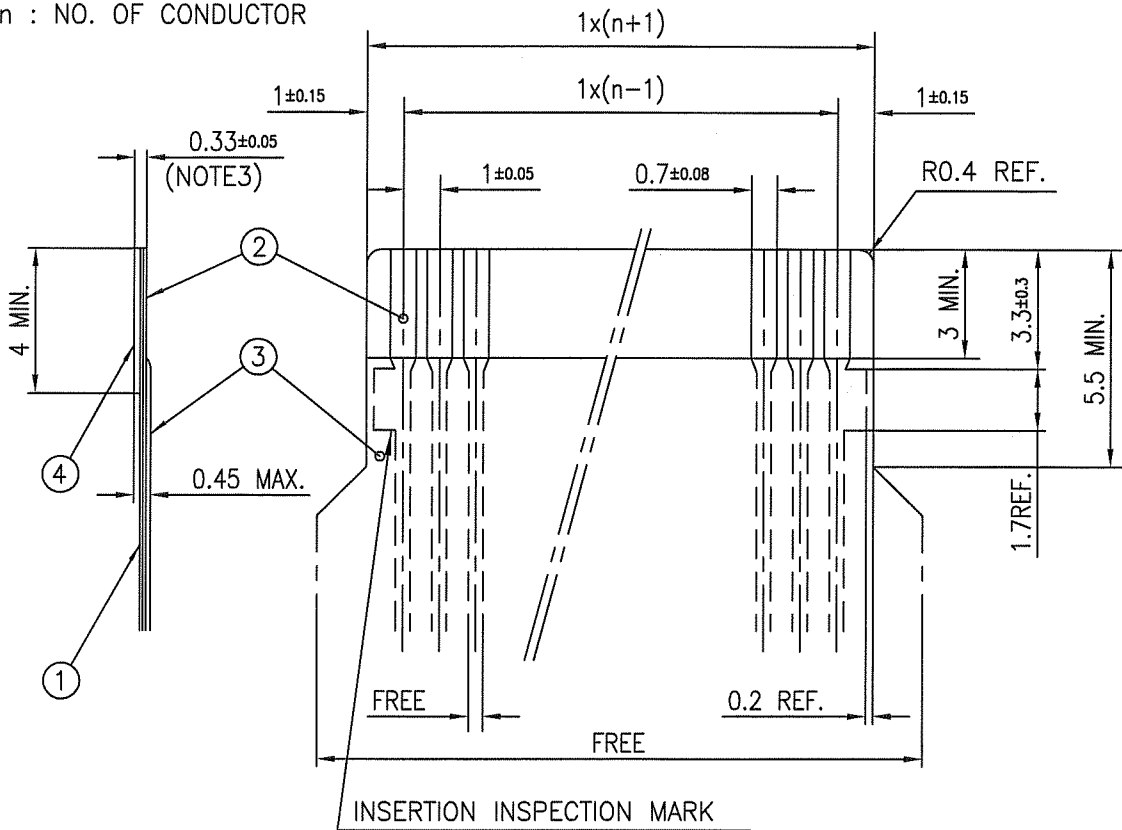
1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND COPEES WITH AUTOMATIC MOUNTING (SMT).
2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
3. E DIMENSION IS PORTION OF THE CORE.

mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/>		tolerance 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		±5		mm		PLASTIC TAPE PACKAGED		
B	J06-0398	H.T	9/26/06		linear		mm		1mm SPACING SMT CONNECTOR		
C	J09-0358	M.Y	2009-10-5		±5°		scale $\times$		(Cat. No. SFW__R-2STGE1LF)		
		dr	H.YAMASHITA 2009-10-5				FCI		dwg no		sheet 1 of 1
		enr	H.YAMASHITA 2009-10-5						JSA 96370		size A4
		chr	S. W. K. 2009-10-6						type Product Customer Drawing		
		appd	S. Chudani 2009-10-6								
sheet index	revision	C									Rev. C
	sheet	1									D

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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		title		RECOMMENDED CABLE		
A	J05-0243	H.T	4/22/05	angles linear		mm		(Cat. No. SFW__R-1/2STG_)		
B	J06-0398	H.T	9/26/06			scale X		dwg no		
C	J09-0358	M.Y	2009-10-5			FCJ		sheet 1 of 1		
		dr	M.YAMAMOTO	2009-10-5				size A4		
		enr	M.YAMAMOTO	2009-10-5				JSA 96371		
		chr	S. Watanabe	2009-10-6				type Product Customer Drawing		
		appd	S. Watanabe	2009-10-6						
sheet index	revision sheet	C	1							Rev. C





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.