



FCIconnect.com

Copyright FCI.

Configuration of Documents

P/N	Documents	No.	Title	CAT.No.
SFW_S-25T(M)E1	Specification Connector dwg.	SC-SFWS01	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	SFW_S-25T_LF
		JSAG3342	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR	SFW_S-25T_LF
		JSAG3579	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR	SFW_S-25T_LF
		JSAG3836	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	SFW_S-25T_E1
		JSAG3343	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	SFW_S-25T_E1
		JSAG3338	RECOMMENDED CABLE	SFW_S-25T_LF
SFW_S-65T(M)E1	Cable dwg.	JSAG3340	RECOMMENDED CABLE	SFW_S-25T_LF
	Manual	JSAG3341		SFW_S-25T_LF
		BJM-SFWS101		
	Specification Connector dwg.	SC-SFWS02	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	SFW_S-65T_LF
		JSAG3900	1mm SPACING SURFACE MOUNT CFC CONNECTOR	SFW_S-65T_LF
		JSAG3905	1mm SPACING SURFACE MOUNT CFC CONNECTOR	SFW_S-65T_LF
SFW_S-25T(M)E1LF	Cable dwg.	JSAG3901	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	SFW_S-25T_E1LF
	Manual	JSAG3902	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	SFW_S-25T_E1LF
		JSAG3903	RECOMMENDED CABLE	SFW_S-25T_LF
		JSAG3904		SFW_S-25T_LF
		BJM-SFWS102		
	Specification Connector dwg.	SC-SFWS03	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	SFW_S-25T_LF
SFW_S-65T(M)E1LF	Cable dwg.	JSAG6516	1mm SPACING SURFACE MOUNT CFC/FFC CONNECTOR	SFW_S-25T_LF
	Manual	JSAG6517	1mm SPACING SURFACE MOUNT CFC/FFC CONNECTOR	SFW_S-25T_LF
		JSAG6518	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	SFW_S-25T_E1LF
		JSAG6519	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	SFW_S-25T_E1LF
		JSAG6520	RECOMMENDED CABLE	SFW_S-25T_LF
		JSAG3340	RECOMMENDED CABLE	SFW_S-25T_LF
SFW_S-65T(M)E1LF	Cable dwg.	JSAG3341		SFW_S-25T_LF
	Manual	BJM-SFWS101		
	Specification Connector dwg.	SC-SFWS04	CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR	SFW_S-65T_LF
		JSAG6521	1mm SPACING SURFACE MOUNT CFC CONNECTOR	SFW_S-65T_LF
		JSAG6522	1mm SPACING SURFACE MOUNT CFC CONNECTOR	SFW_S-65T_LF
		JSAG6523	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	SFW_S-65T_E1LF

mat'l. code				surface 58 / tolerance ISO 1302 / ISO 406 / ISO 1101		projection		product family 58SF		CODE JP	
ltr		ecn no		dr		date		tolerances unless otherwise specified		title	
A		J05-0334		H.T		6/3/'05		angles		SFW_S Documents Configuration	
B		J05-0377		H.T		6/22/'05		linear		(1mm Spacing connector)	
C		J06-0430		H.T		10/19/'06					
				dr		10/19/06				dwg no	
				enr		10/19/06				sheet 1 of 1	
				chr		10/19/06				size A4	
				appd		10/20/06				type	
sheet index		revision sheet		C						Product Customer Drawing	
1		1								Rev. C	

form: A4

PDM: Rev:C

STATUS: Released

Printed: Feb 09, 2010

CAT. NO. & DIMENSIONS

NOTE3	NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE2)		
			A ±0.2	B ±0.2	C ±0.2
	4	SFW4S-2ST__LF	10.4	5.24	3
	5	SFW5S-2ST__LF	11.4	6.24	4
	6	SFW6S-2ST__LF	12.4	7.24	5
*	7	SFW7S-2ST__LF	13.4	8.24	6
	8	SFW8S-2ST__LF	14.4	9.24	7
*	9	SFW9S-2ST__LF	15.4	10.24	8
	10	SFW10S-2ST__LF	16.4	11.24	9
	11	SFW11S-2ST__LF	17.4	12.24	10
*	12	SFW12S-2ST__LF	18.4	13.24	11
	13	SFW13S-2ST__LF	19.4	14.24	12
	14	SFW14S-2ST__LF	20.4	15.24	13
	15	SFW15S-2ST__LF	21.4	16.24	14
	16	SFW16S-2ST__LF	22.4	17.24	15
	17	SFW17S-2ST__LF	23.4	18.24	16
*	18	SFW18S-2ST__LF	24.4	19.24	17
*	19	SFW19S-2ST__LF	25.4	20.24	18
	20	SFW20S-2ST__LF	26.4	21.24	19
*	21	SFW21S-2ST__LF	27.4	22.24	20
	22	SFW22S-2ST__LF	28.4	23.24	21
	23	SFW23S-2ST__LF	29.4	24.24	22
	24	SFW24S-2ST__LF	30.4	25.24	23
*	25	SFW25S-2ST__LF	31.4	26.24	24
	26	SFW26S-2ST__LF	32.4	27.24	25
*	27	SFW27S-2ST__LF	33.4	28.24	26
	28	SFW28S-2ST__LF	34.4	29.24	27
	29	SFW29S-2ST__LF	35.4	30.24	28
	30	SFW30S-2ST__LF	36.4	31.24	29
*	31	SFW31S-2ST__LF	37.4	32.24	30
*	32	SFW32S-2ST__LF	38.4	33.24	31

CAT. NO. SFW (n) S - 2 ST - - - LF

SERIES

NO. OF CONTACTS

STRAIGHT TYPE

FOR FPC / FFC

VARIATION

STM : FOR AUTOMATIC MOUNTING (SMT)
WITH MOUNTING PLATE

ST : FOR AUTOMATIC MOUNTING (SMT)
WITHOUT MOUNTING PLATE

PACKAGE STYLE

LEAD FREE

NOTES

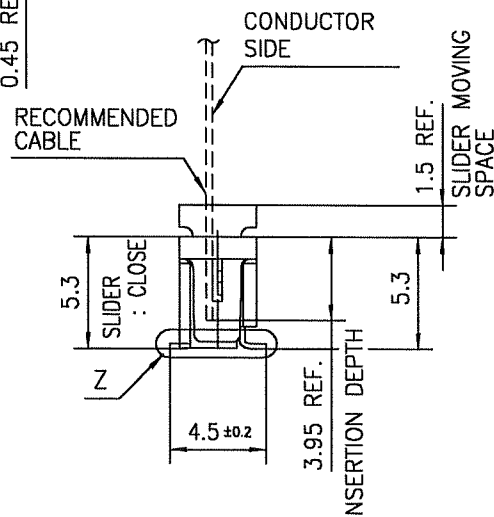
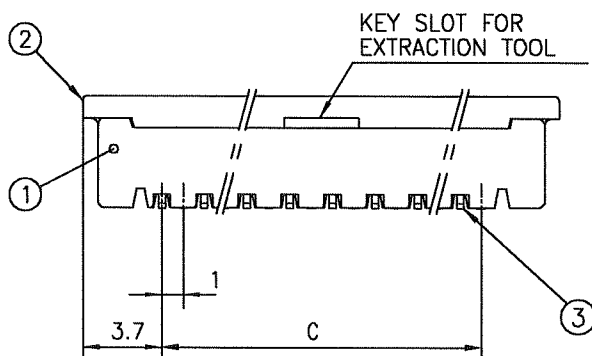
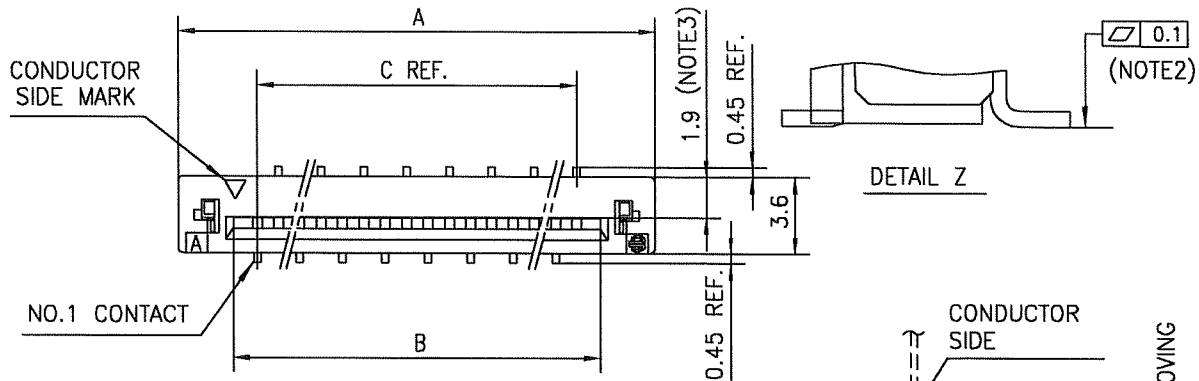
- THIS PRODUCT IS THE CONNECTOR, DESIGNED TO TERMINATE FPC/FFC AND COPS WITH AUTOMATIC MOUNTING (SMT).
- SEE PART DRAWINGS FOR DIMENSIONS A.B.C.
- PLEASE CONSULT US IN CASE OF USING PARTS WITH * MARK

mat'l. code				surface 58 / tolerance ISO 1302 ✓ ISO 406 ISO 1101		projection		product family 58SF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.No.SFW__S-2ST__LF)			
A	J05-0377	H.T	2005-6-22	angles	linear						
B	J05-0547	H.T	2005-8-30			scale X		dwg no sheet 1 of 1 size JSA 96516 A4			
C	J06-0430	H.T	2006-10-19								
D	J07-0407	H.T	2007-8-9	dr	engr	FCI		type Product Customer Drawing			
				chr	appd						
sheet index	revision	D	1								Rev. D

SC-SFWS 03 JSA96517 96518 96519 96520 93340 93341
form: A4

1

2



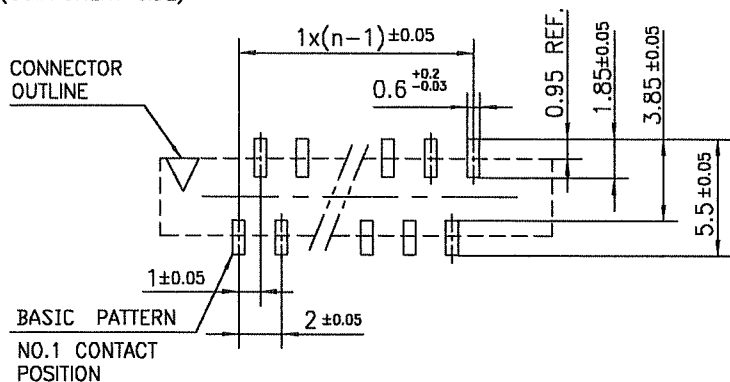
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	GLASS FILLED THERMOPLASTIC RATED. (UL94V-0)	1	COLOR : BROWN
2	SLIDER		1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : TIN Ni UNDER PLATED(LEAD FREE)

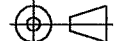
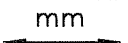
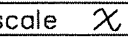
n : NO. OF CONTACTS

NOTES

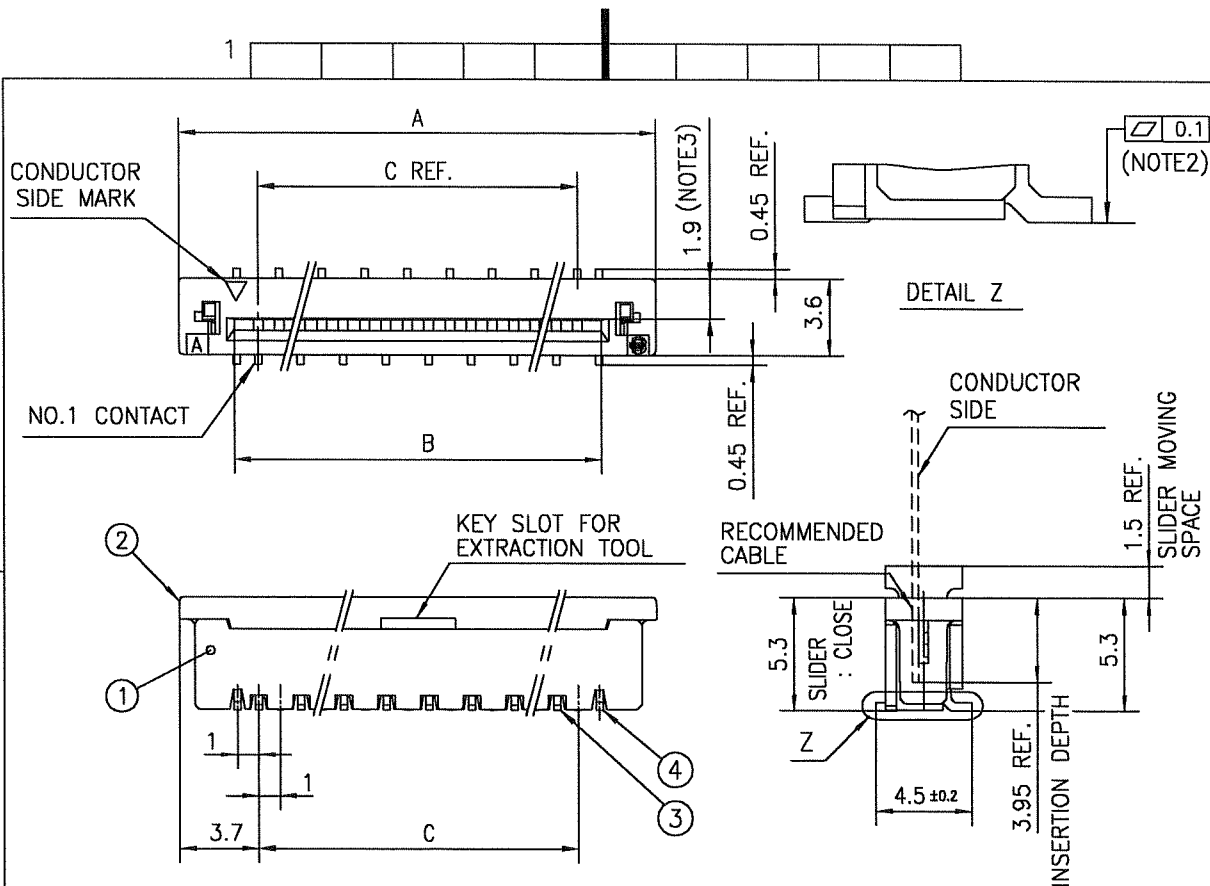
1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS DIMENSION IS SPACE FOR THE NOZZLE OF MOUNTER.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER 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 ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family 58SF				CODE JP			
ltr	ecn no	dr	date	tolerances unless otherwise specified								title 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (CAT.No.SFW__S-2ST__LF)					
A	J05-0377	H.T	6/22/05	angles	linear	±0.2											
B	J05-0731	H.T	10/28/05			scale 											
C	J06-0430	H.T	10/19/06														
				dr			10/19/06				dwg no				sheet 1 of 1		size
				engr			10/19/06				JSA 96517				A4		
				chr			10/19/06				type Product Customer Drawing						
				appd			10/20/06										
sheet index	revision	C														Rev c	

SC-SFWS 03 JSA96516
form: A4



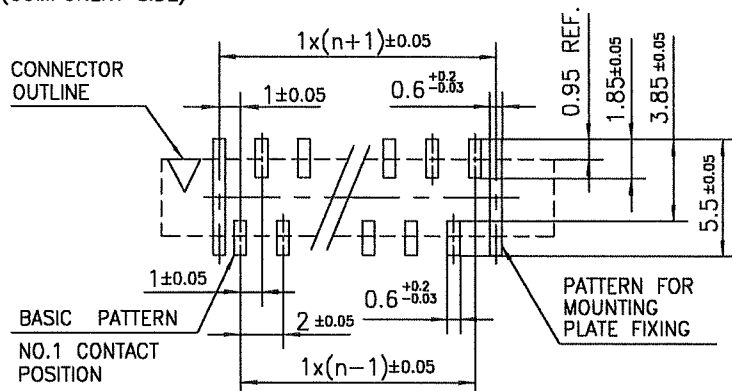
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	GLASS FILLED THERMOPLASTIC RATED. (UL94V-0)	1	COLOR : BROWN
2	SLIDER		1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : TIN Ni UNDER PLATED(LEAD FREE)
4	MOUNTING PLATE	BRASS	2	

n : NO. OF CONTACTS

NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPS WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS DIMENSION IS SPACE FOR THE NOZZLE OF MOUNTER.
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 ISO 1302	projection	product family 58SF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified	ISO 406	mm	title 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (CAT.No.SFW__S-2STM__LF)	size A4
A	J05-0377	H.T	6/22/05	angles	ISO 1101	mm		
B	J05-0731	H.T	10/28/05	linear	±0.2	mm		
C	J06-0430	H.T	10/19/06			scale X	dwg no	sheet 1 of 1
				dr	10/19/06	FCI	JSA 96518	
				enr	10/19/06			
				chr	10/19/06			
				appd	10/20/06			
sheet index	revision	C	1				type	Product Customer Drawing

SC-SFWS 03 JSA96516
form: A4

CAT. NO. & DIMENSIONS

(NOTE4)	NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
			D ± 5	E ± 0.3	F ± 0.1
	4	SFW4S-2ST_E1LF	28.4	24	—
	5	SFW5S-2ST_E1LF	28.4	24	—
	6	SFW6S-2ST_E1LF	28.4	24	—
*	7	SFW7S-2ST_E1LF	28.4	24	—
	8	SFW8S-2ST_E1LF	28.4	24	—
*	9	SFW9S-2ST_E1LF	28.4	24	—
	10	SFW10S-2ST_E1LF	28.4	24	—
	11	SFW11S-2ST_E1LF	28.4	24	—
*	12	SFW12S-2ST_E1LF	36.4	32	28.4
	13	SFW13S-2ST_E1LF	36.4	32	28.4
	14	SFW14S-2ST_E1LF	36.4	32	28.4
	15	SFW15S-2ST_E1LF	36.4	32	28.4
	16	SFW16S-2ST_E1LF	48.4	44	40.4
	17	SFW17S-2ST_E1LF	48.4	44	40.4
*	18	SFW18S-2ST_E1LF	48.4	44	40.4
*	19	SFW19S-2ST_E1LF	48.4	44	40.4
	20	SFW20S-2ST_E1LF	48.4	44	40.4
*	21	SFW21S-2ST_E1LF	48.4	44	40.4
	22	SFW22S-2ST_E1LF	48.4	44	40.4
	23	SFW23S-2ST_E1LF	48.4	44	40.4
	24	SFW24S-2ST_E1LF	48.4	44	40.4
*	25	SFW25S-2ST_E1LF	48.4	44	40.4
	26	SFW26S-2ST_E1LF	48.4	44	40.4
*	27	SFW27S-2ST_E1LF	60.4	56	52.4
	28	SFW28S-2ST_E1LF	60.4	56	52.4
	29	SFW29S-2ST_E1LF	60.4	56	52.4
	30	SFW30S-2ST_E1LF	60.4	56	52.4
*	31	SFW31S-2ST_E1LF	60.4	56	52.4
*	32	SFW32S-2ST_E1LF	60.4	56	52.4

CAT. NO. SFW (n) S - 2 ST - - LF

SERIES SFW

NO. OF CONTACTS (n)

STRAIGHT TYPE S

FOR FPC / FFC - 2

VARIATION ST -

STM:FOR AUTOMATIC MOUNTING (SMT) WITH MOUNTING PLATE

ST:FOR AUTOMATIC MOUNTING (SMT) WITHOUT MOUNTING PLATE

PACKAGE STYLE LF

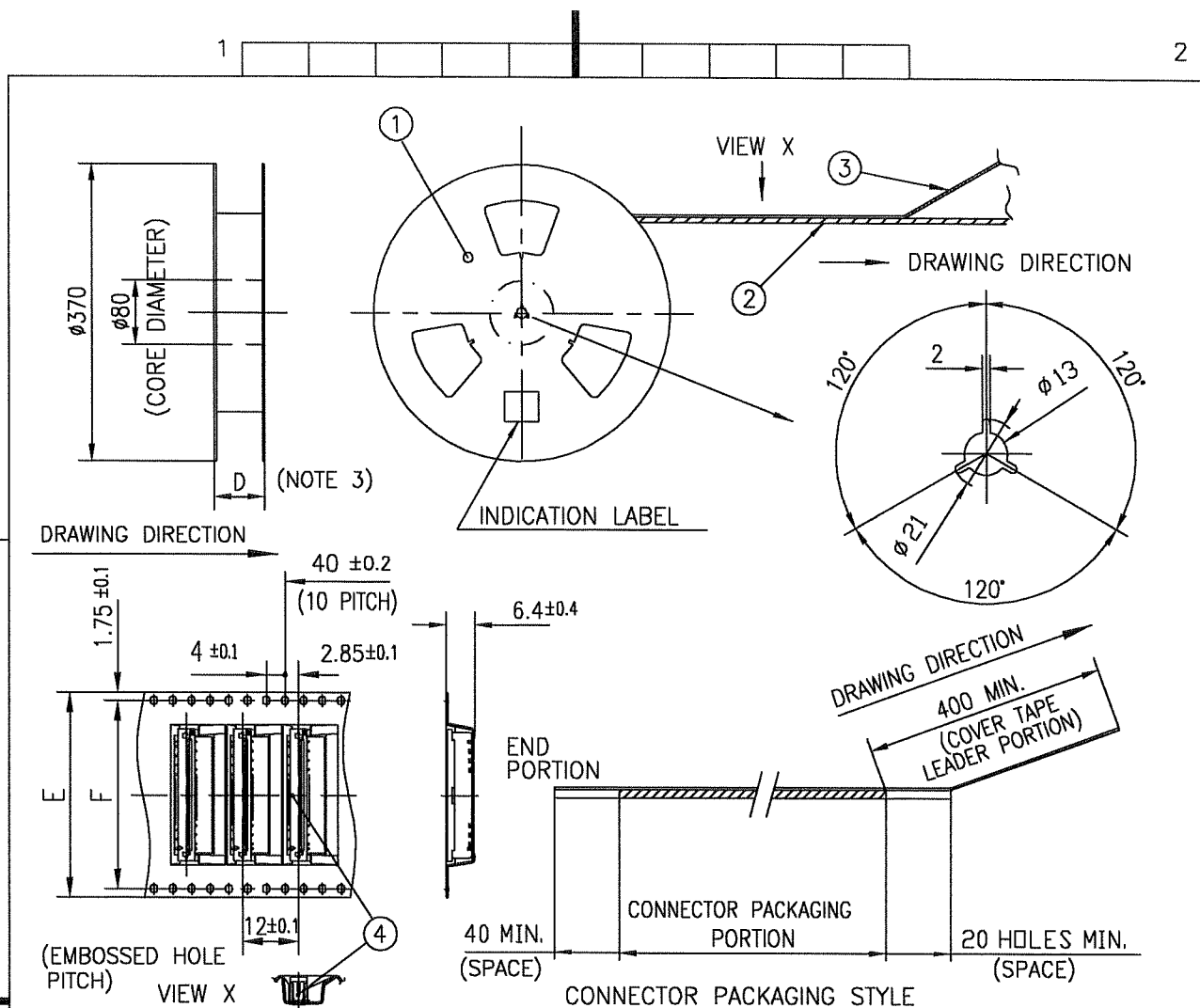
LEAD FREE

NOTES

- THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COTES WITH AUTOMATIC MOUNTING (SMT).
- THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
- SEE PART DRAWINGS FOR DIMENSIONS D~F.
- PLEASE CONSULT US IN CASE OF USING PARTS WITH * MARK.

mat'l. code				surface 58 / tolerance ISO 1302 ✓ ISO 406 ISO 1101		projection		product family 58SF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title			
A	J05-0377	H.T	2005-6-22	angles linear		mm		CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. (CAT.No.SFW__S-2ST_E1LF)			
B	J05-0547	H.T	2005-8-30			scale X		dwg no sheet 1 of 1 size			
C	J06-0430	H.T	2006-10-19					JSA 96519 A4			
D	J07-0407	H.T	2007-8-9	dr		FCJ		type Product Customer Drawing			
				enr							
				chr							
				appd							
sheet index	revision	D	1					Rev. D			

SC-SFWS 03 JSA96516 96520
form: A4



PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR:GRAY
2	PLASTIC (EMBOSS) TAPE	_____	PET	_____	COLOR:TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR:TRANSPARENCY
4	CONNECTOR	SFW__S-2ST__LF	SEE ATTACHED DWG.	1000	_____

NOTES

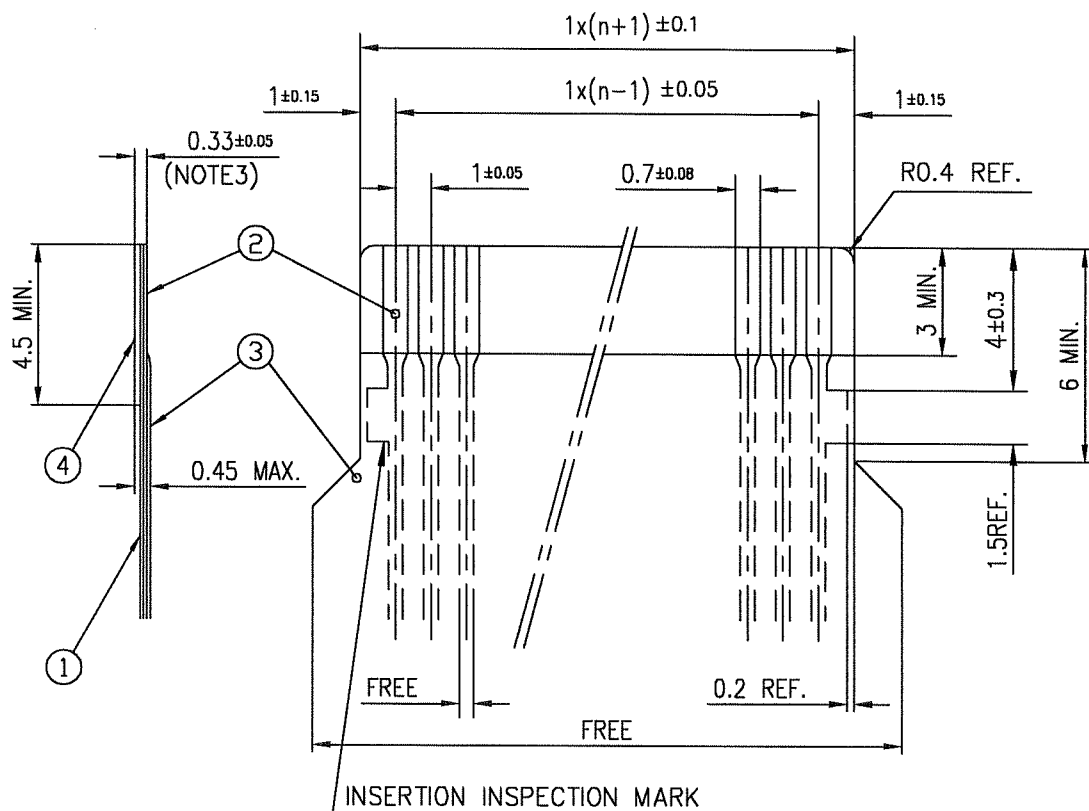
- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
- F DIMENSION IS PORTION OF THE CORE.

mat'l. code				surface 58	tolerance	projection	product family	CODE
				ISO 1302	ISO 406	ISO 1101	58SF	JP
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title	
A	J05-0377	H.T	6/22/05	±5		mm	PLASTIC TAPE PACKAGED	
B	J06-0430	H.T	10/19/06	linear		mm	1mm SPACING SMT CONNECTOR	
				±5°		scale	(CAT.No.SFW__S-2ST_E1LF)	
				dr	10/19/06	FCI	dwg no	sheet 1 of 1
				enr	10/19/06		JSA 96520	size
				chr	10/19/06			A4
				appd	10/20/06		type	Product Customer Drawing
sheet	revision	B						Rev
index	sheet	1						B

SC-SFWS 03 JSA96519
form: A4

RECOMMENDED CABLE (FPC)

n : NO. OF CONDUCTORS



PT. NO.	DESCRIPTION	MATERIAL	THICKNESS (μm)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUIVALENT	25
2	CONDUCTOR	COPPER FOIL(PLATING : SOLDER $1\mu\text{m}$ MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUIVALENT	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUIVALENT	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 406 / ISO 1101		projection		product family 58SF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title			
AA	J04-0333	H.T	Oct.13/04					RECOMMENDED CABLE			
AB	J06-0430	H.T	10/19/06					(CAT.No.SFW__S-2ST__)			
				angles linear		scale X		dwg no sheet 1 of 1 size			
						FCI		JSA 93340 A4			
				dr 10/19/06				type Product Customer Drawing			
				enr 10/19/06							
				chr 10/19/06							
				appd 10/20/06							
sheet index		revision sheet	AB 1							Rev AB	

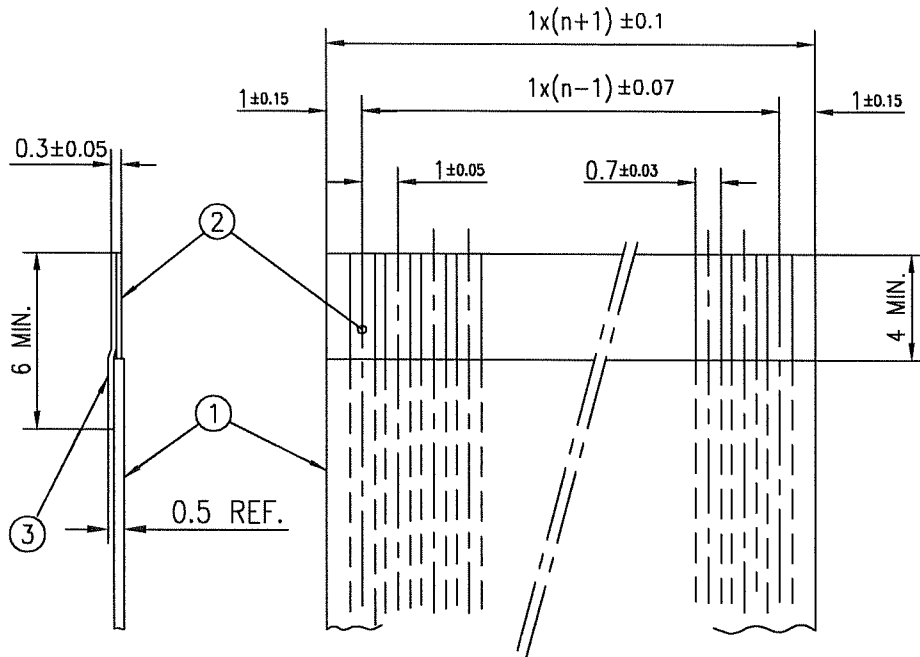
form: A4

1

2

RECOMMENDED CABLE (FFC)

n : NO. OF CONDUCTORS



PT. NO.	DESCRIPTION	MATERIAL	NOTE
1	INSULATOR	FLAME RESISTING POLYESTER OR EQUIVALENT	_____
2	CONDUCTOR	COPPER FOIL	PLATING: TIN OR SOLDER 1µm MIN.
3	SUPPORTING TAPE	FLAME RESISTING POLYESTER OR EQUIVALENT	_____

NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.

mat'l. code				surface 5B / tolerance ISO 406 / ISO 1302 ✓ / ISO 1101		projection		product family 58SF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title			
AA	J04-0333	H.T	06/13/04					RECOMMENDED CABLE			
AB	J06-0430	H.T	10/19/06	angles	linear			(CAT.No.SFW__S-2ST__)			
						scale X		dwg no sheet 1 of 1 size			
						FCI		JSA 93341 A4			
								type Product Customer Drawing			
sheet index		revision	AB							Rev. AB	
		sheet	1								

form: A4

1

2

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9