



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__
		JSA93342	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR	SFW_S-25T__
		JSA93579	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR	SFW_S-25T__
		JSA93836	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	SFW_S-25T_E1
		JSA93343	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	SFW_S-25T_E1
		JSA93338	RECOMMENDED CABLE	SFW_S-25T__
SFW_S-65T(M)E1	Cable dwg.	JSA93340	RECOMMENDED CABLE	SFW_S-25T__
	Manual	JSA93341		SFW_S-25T__
		BJM-SFWS101		
	Specification Connector dwg.	SC-SFWS02	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	SFW_S-65T__
		JSA93900	1mm SPACING SURFACE MOUNT CFC CONNECTOR	SFW_S-65T__
		JSA93905	1mm SPACING SURFACE MOUNT CFC CONNECTOR	SFW_S-65T__
SFW_S-25T(M)E1LF	Cable dwg.	JSA93902	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	SFW_S-65T_E1
	Manual	JSA93903	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	SFW_S-65T_E1
		JSA93904	RECOMMENDED CABLE	SFW_S-65T__
		BJM-SFWS102		
	Specification Connector dwg.	SC-SFWS03	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	SFW_S-25T__LF
		JSA96516	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR	SFW_S-25T__LF
SFW_S-65T(M)E1LF	Cable dwg.	JSA96517	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	SFW_S-25T_E1LF
	Manual	JSA96518	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	SFW_S-25T_E1LF
		JSA96519	RECOMMENDED CABLE	SFW_S-25T__LF
		JSA96520	RECOMMENDED CABLE	SFW_S-25T__LF
		JSA93340		SFW_S-25T__LF
		BJM-SFWS101		
SFW_S-65T(M)E1LF	Specification Connector dwg.	SC-SFWS04	CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR	SFW_S-65T__LF
		JSA96521	1mm SPACING SURFACE MOUNT CFC CONNECTOR	SFW_S-65T__LF
		JSA96522	1mm SPACING SURFACE MOUNT CFC CONNECTOR	SFW_S-65T__LF
		JSA96523	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	SFW_S-65T_E1LF
		JSA96524	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	SFW_S-65T_E1LF
		JSA96525	RECOMMENDED CABLE	SFW_S-65T__LF

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

CAT. NO. & DIMENSIONS

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

CAT. NO. SFW (n) S - 6 ST ___ LF

SERIES _____

NO. OF CONTACTS _____

STRAIGHT TYPE _____

FOR CIC _____

VARIATION _____

STM : FOR AUTOMATIC MOUNTING (SMT)
WITH MOUNTING PLATE

ST : FOR AUTOMATIC MOUNTING (SMT)
WITHOUT MOUNTING PLATE

PACKAGE STYLE _____

LEAD FREE _____

NOTES

1. THIS PRODUCT IS THE CONNECTOR, DESIGNED TO TERMINATE CIC AND COPE WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A.B.C.
3. 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	linear		mm		CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.No.SFW__S-6ST___LF)			
B	J05-0547	H.T	2005-8-30			scale X					
C	J06-0430	H.T	2006-10-19								
D	J07-0407	H.T	2007-8-9	dr	engr	chr	appd	dwg no		sheet 1 of 1	size
								JSA 96521		A4	
								type Product Customer Drawing			
sheet index	revision	D	1								

B

B

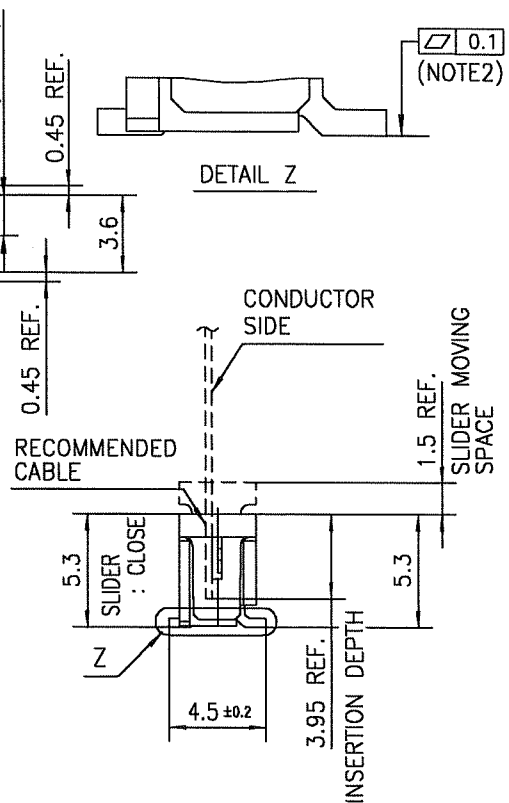
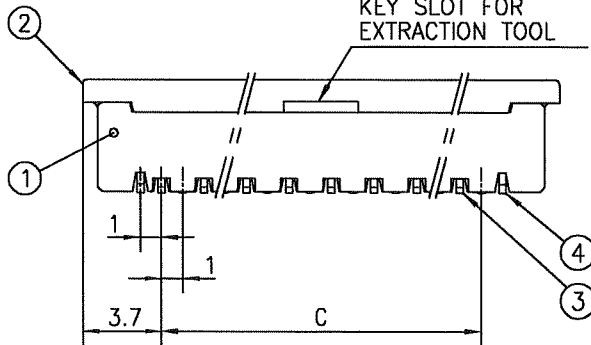
C

- C

D

CIC MARK
CONDUCTOR
SIDE MARK

NO.1 CONTACT



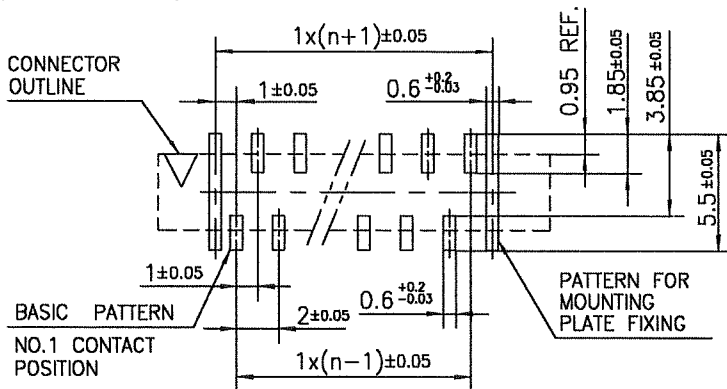
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	GLASS FILLED THERMOPLASTIC RATED.	1	COLOR : ROWN
2	SLIDER	(UL94V-0)	1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : TIN Ni UNDER PLATED(LEAD FREE)
4	MOUNTING PLATE	BRASS	2	

n : NO. OF CONTACTS

NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE CIC 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	projection	product family	58SF	CODE	JP
ltr	ecn no	dr	date	ISO 1302	ISO 406	ISO 1101	title 1mm SPACING SURFACE MOUNT CIC CONNECTOR (CAT.No.SFW__S-6STM__LF)			
A	J05-0377	H.T	6/22/05	tolerances unless otherwise specified	±0.2	mm				
B	J05-0731	H.T	10/28/05	angles	linear	scale X				
C	J06-0430	H.T	10/19/06							
				dr	10/19/06	FCI				size A4
				enr	10/19/06					
				chr	10/19/06					
				appd	10/20/06					
sheet	revision	C						dwg no	sheet 1 of 1	Rev. c
index	sheet	1						JSA 96523		
								type	Product Customer Drawing	

CAT. NO. & DIMENSIONS

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

CAT. NO. SFW (n) S - 6 ST - - - LF

SERIES SFW

NO. OF CONTACTS (n)

STRAIGHT TYPE S

FOR CIC - 6

VARIATION ST

STM : FOR AUTOMATIC MOUNTING (SMT) WITH MOUNTING PLATE

ST : FOR AUTOMATIC MOUNTING (SMT) WITHOUT MOUNTING PLATE

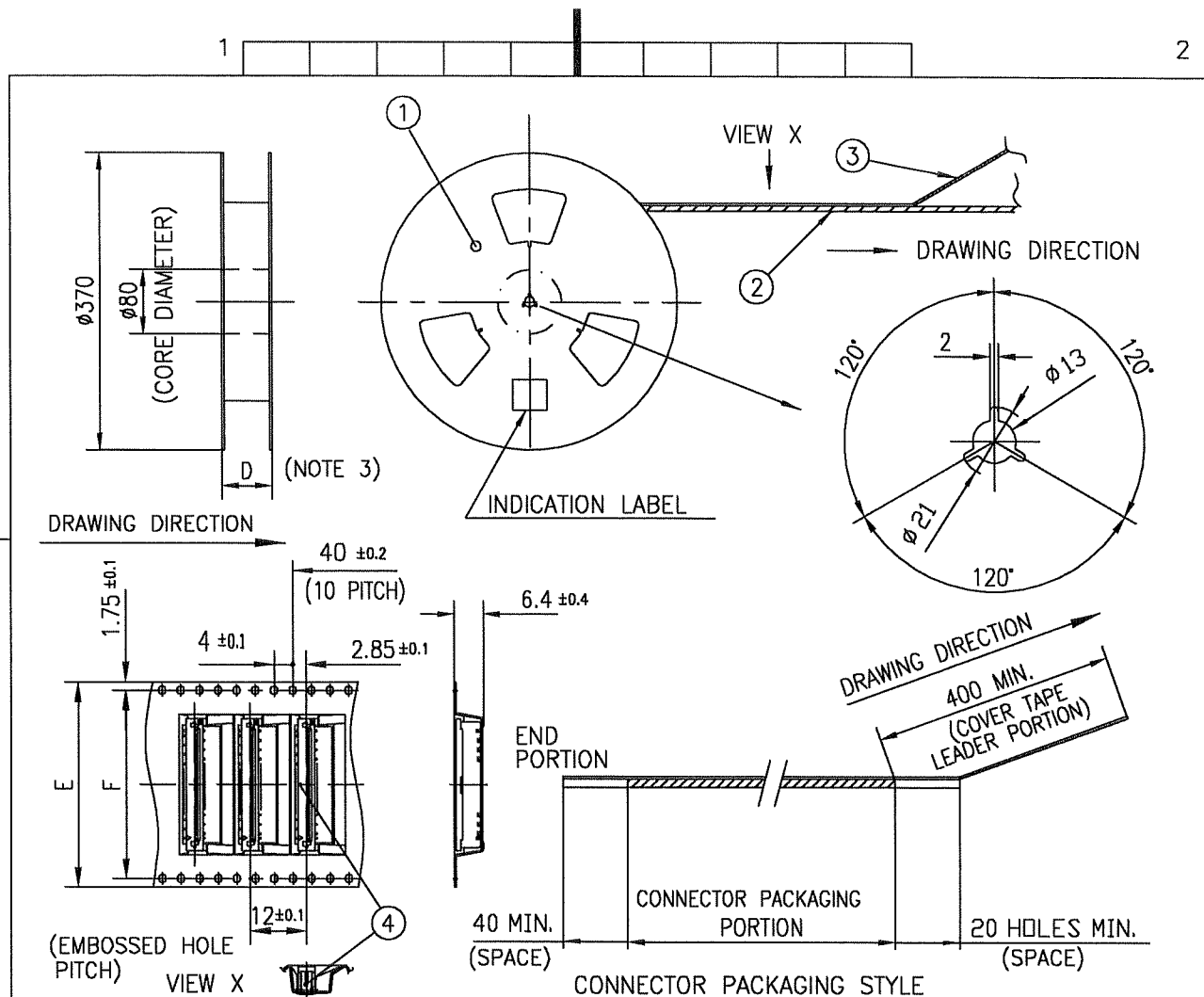
PACKAGE STYLE LF

LEAD FREE

NOTES

- THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE CIC AND COPE 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-6ST_E1LF)			
B	J05-0547	H.T	2005-8-30			scale X					
C	J06-0430	H.T	2006-10-19								
D	J07-0407	H.T	2007-8-9	dr		FCI		dwg no sheet 1 of 1 size			
				engr				JSA 96524 A4			
				chr				type Product Customer Drawing			
				appd							
sheet index	revision	D	1					Rev. D			



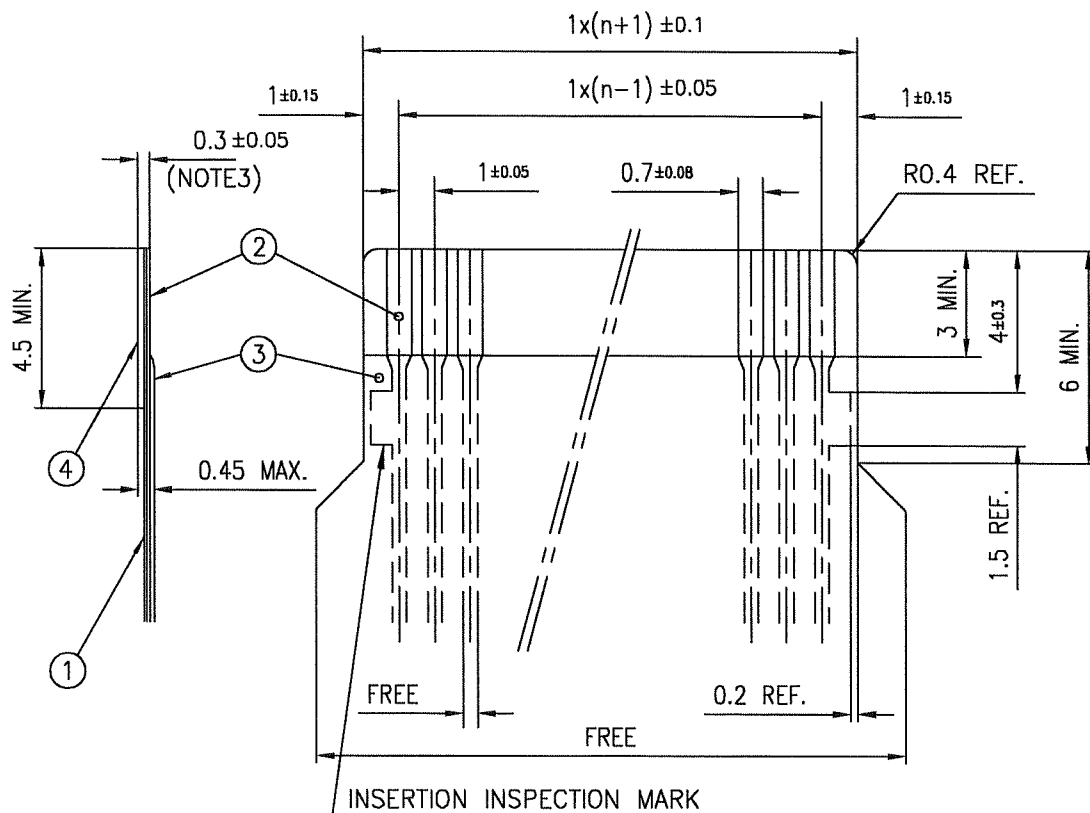
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR:GRAY
2	PLASTIC (EMBOSS) TAPE	_____	PET	_____	COLOR:TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR:TRANSPARENCY
4	CONNECTOR	SFW__S-6ST__LF	SEE ATTACHED DWG.	1000	_____

NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR CIC AND COPS 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.
- D DIMENSION IS PORTION OF THE CORE.

mat'l. code				surface 58 ISO 1302	tolerance ISO 406 ISO 1101	projection mm	product family 58SF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CAT.No.SFW__S-6ST_E1LF)	
A	J05-0377	H.T	6/22/05	angles	linear			
B	J06-0430	H.T	10/19/06	±5'		scale X	dwg no JSA 96525	
				dr	engr			
				chr	appd		type Product Customer Drawing	
sheet index	revision	B	1					Rev. B

n : NO. OF CONDUCTOR



PT. NO.	PARTS NAME	MATERIAL	THICKNESS (μm)	
1	BASE FILM	POLYESTER OR EQUAL	75	25
2	CONDUCTOR	CARBON PASTE OVER SILVER PASTE	10 MIN.	
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	—————	
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188	250

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 ✓ ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family 58SF				CODE JP			
litr ecn no dr date				tolerances, unless otherwise specified								title					
AA J04-0333 H.T Oct.13,'04				angles				mm 		RECOMMENDED CABLE							
AB J06-0430 H.T 10/19/06				linear				scale X		(CAT.No.SFW__S-6ST__)							
				dr		K. Shroyc 10/19/06				dwg no				sheet 1 of 1		size	
				enrg		10/19/06				JSA 93904				A4			
				chr		K. Shroyc 10/19/06											
				appd		S. Dudman 10/20/06											
sheet index		revision		AB												Rev	
		sheet		1												AB	