



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
		JSAG3342	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR	SFW_S-25T
		JSAG3579	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR	SFW_S-25TM
		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
SFW_S-65T(M)E1	Cable dwg.	JSAG3340	RECOMMENDED CABLE	SFW_S-25T
	Manual	JSAG3341		SFW_S-25T
		BJM-SFWS101		
	Specification Connector dwg.	SC-SFWS02	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	SFW_S-65T
		JSAG3900	1mm SPACING SURFACE MOUNT CFC CONNECTOR	SFW_S-65T
		JSAG3905	1mm SPACING SURFACE MOUNT CFC CONNECTOR	SFW_S-65TM
SFW_S-25T(M)E1LF		JSAG3901	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	SFW_S-65T_E1
		JSAG3902	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	SFW_S-65T_E1
		JSAG3903	RECOMMENDED CABLE	SFW_S-65T
	Cable dwg.	JSAG3904		
	Manual	BJM-SFWS102		
SFW_S-25T(M)E1LF	Specification Connector dwg.	SC-SFWS03	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	SFW_S-25T_LF
		JSAG6516	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR	SFW_S-25T_LF
		JSAG6517	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR	SFW_S-25TM_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
SFW_S-65T(M)E1LF		JSAG3340	RECOMMENDED CABLE	SFW_S-25T_LF
		JSAG3341		
	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-65TM_LF

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						Rev. C	

form: A4

PDM: Rev:C

STATUS: Released

Printed: Nov 02, 2010

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

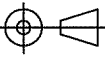
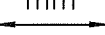
ST : FOR AUTOMATIC MOUNTING (SMT)
WITHOUT MOUNTING PLATE

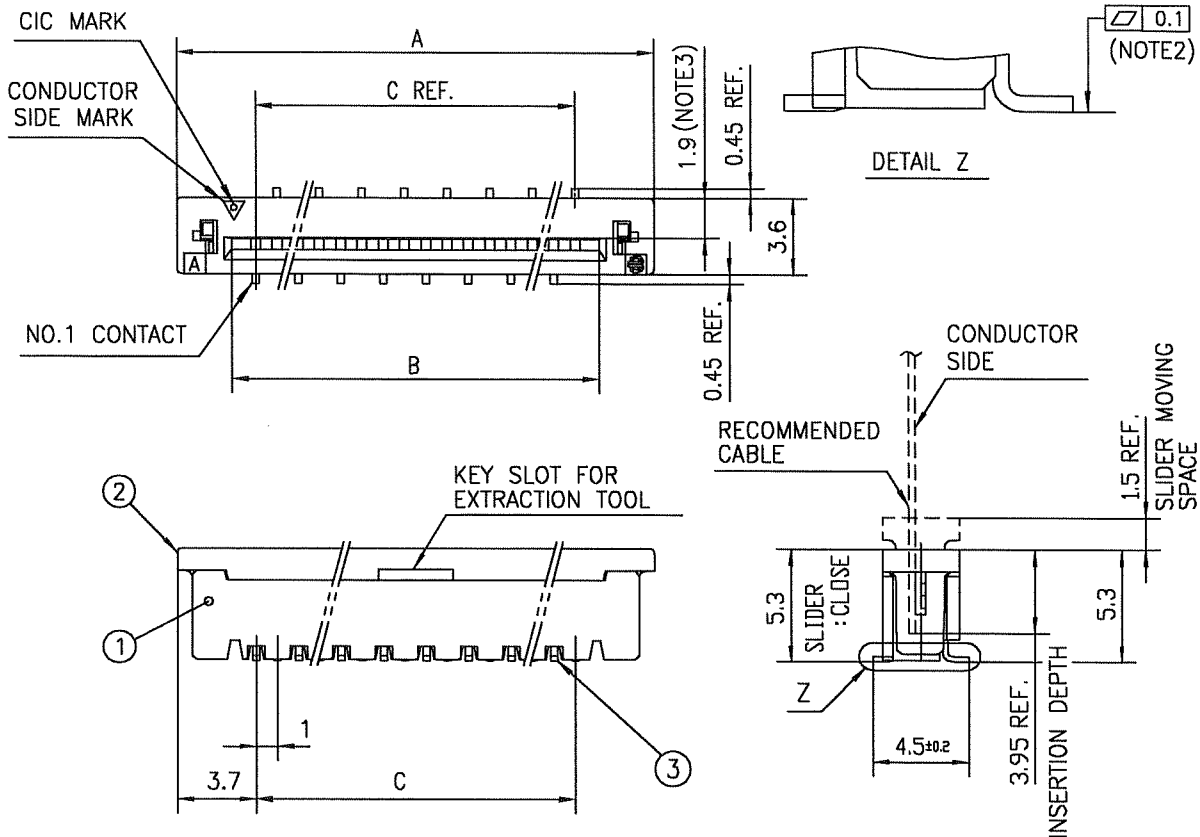
PACKAGE STYLE _____

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 CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.No.SFW__S-6ST____LF)			
A	J05-0377	H.T	2005-6-22	angles	linear						
B	J05-0547	H.T	2005-8-30			scale 		dwg no sheet 1 of 1 size JSA 96521 A4			
C	J06-0430	H.T	2006-10-19								
D	J07-0407	H.T	2007-8-9	dr	engr			type Product Customer Drawing			
				chr	appd						
sheet index	revision	D	1								Rev. D



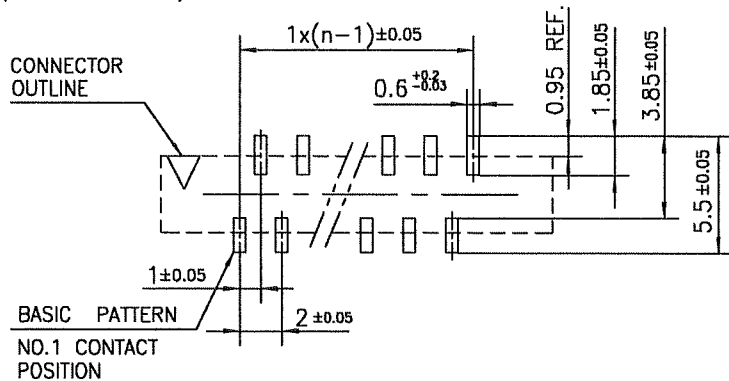
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	GLASS FILLED THERMOPLASTIC RATED. (UL94V-0)	1	COLOR : BROWN
2	SLIDER		1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : TIN Ni UNDER PLATED(LEAD FREE)

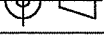
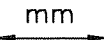
n : NO. OF CONTACTS

NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE CIC AND COPS 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.

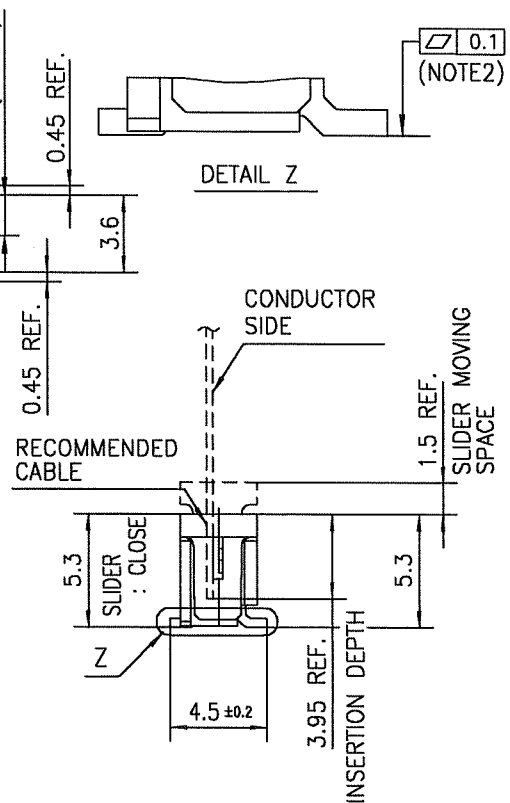
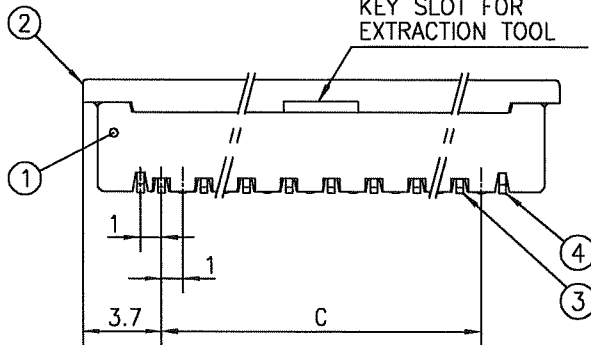
RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)



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 CIC CONNECTOR (CAT.No.SFW__S-6ST__LF)					
A	J05-0377	H.T	6/22/05	angles	linear	±0.2		mm 							
B	J05-0731	H.T	10/28/05												
C	J06-0430	H.T	10/19/06					scale X							
				dr		10/19/06			dwg no				sheet 1 of 1		size
				enr		10/19/06			JSA 96522				A4		
				chr		10/19/06			type Product Customer Drawing						
				appd		10/20/06									
sheet index		revision		C											Rev. C
		sheet		1											

CIC MARK
CONDUCTOR
SIDE MARK

NO.1 CONTACT



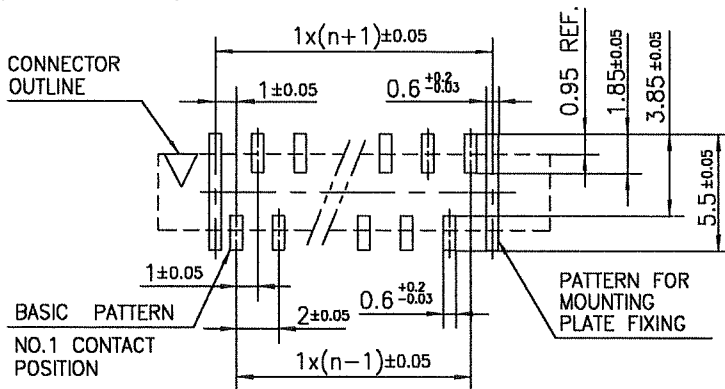
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	GLASS FILLED THERMOPLASTIC RATED.	1	COLOR : ROWN
2	SLIDER	(UL94V-0)	1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : TIN Ni UNDER PLATED(LEAD FREE)
4	MOUNTING PLATE	BRASS	2	

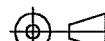
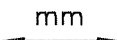
n : NO. OF CONTACTS

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 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 CIC CONNECTOR (CAT.No.SFW__S-6STM__LF)					
A	J05-0377	H.T	6/22/05	angles	linear	±0.2									
B	J05-0731	H.T	10/28/05												
C	J06-0430	H.T	10/19/06												
				dr	<i>H. Shroyer</i> 10/19/06				dwg no				sheet 1 of 1	size	
				engr	<i>H. Shroyer</i> 10/19/06				JSA 96523				A4		
				chr	<i>H. Shroyer</i> 10/19/06										
				appd	<i>S. Sudam</i> 10/20/06										
sheet index	revision sheet	C	1												Rev. c

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 —

NO. OF CONTACTS —

STRAIGHT TYPE —

FOR CIC —

VARIATION —

STM : FOR AUTOMATIC MOUNTING (SMT)
WITH MOUNTING PLATE

ST : FOR AUTOMATIC MOUNTING (SMT)
WITHOUT MOUNTING PLATE

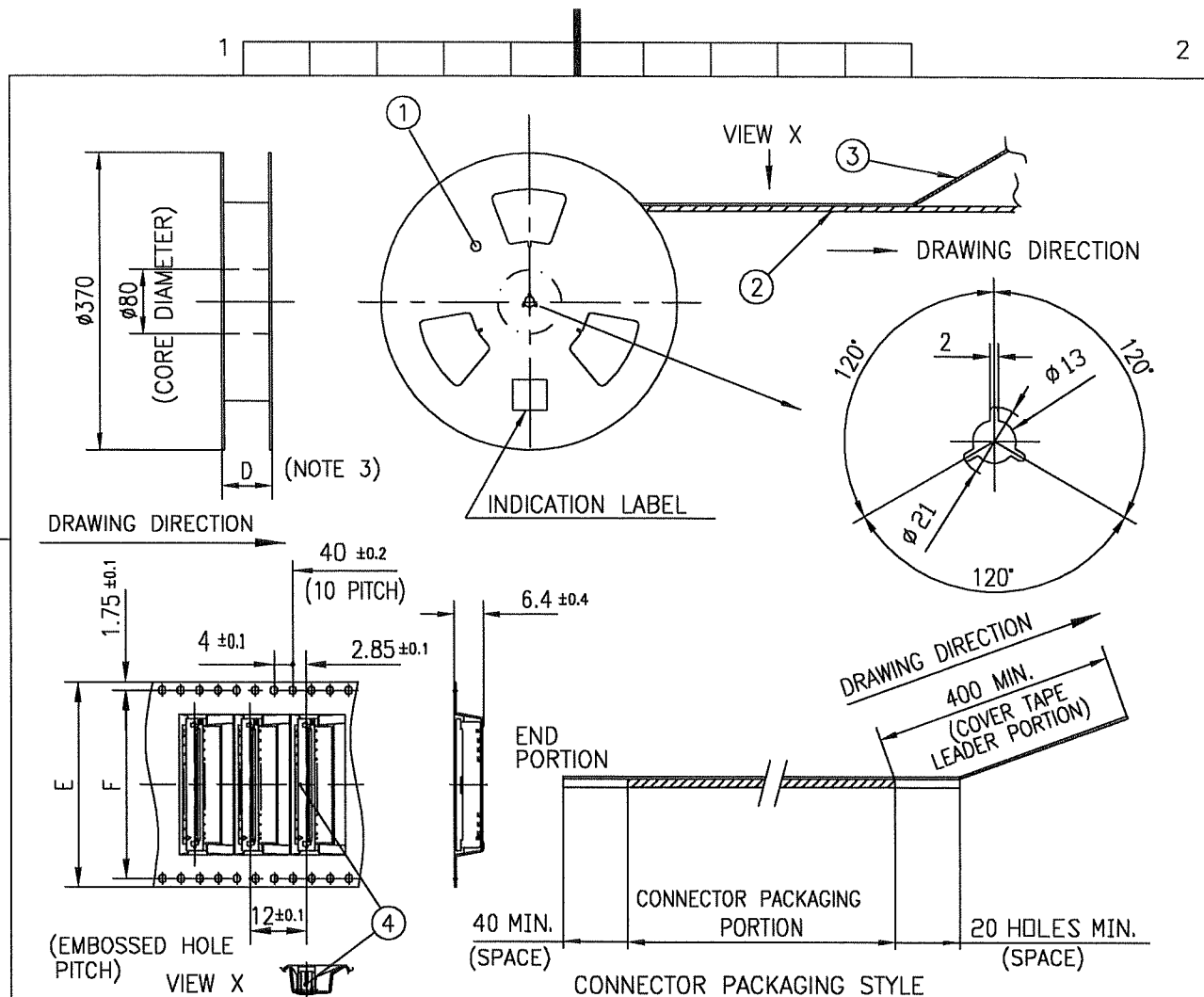
PACKAGE STYLE —

LEAD FREE —

NOTES

- 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		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								
C	J06-0430	H.T	2006-10-19								
D	J07-0407	H.T	2007-8-9								
				engr		2007-8-9		dwg no sheet 1 of 1 size			
				chr		2007-8-9		JSA 96524 A4			
				appd		2007-8-16		type Product Customer Drawing			
sheet index		revision sheet 1		D						Rev. D	



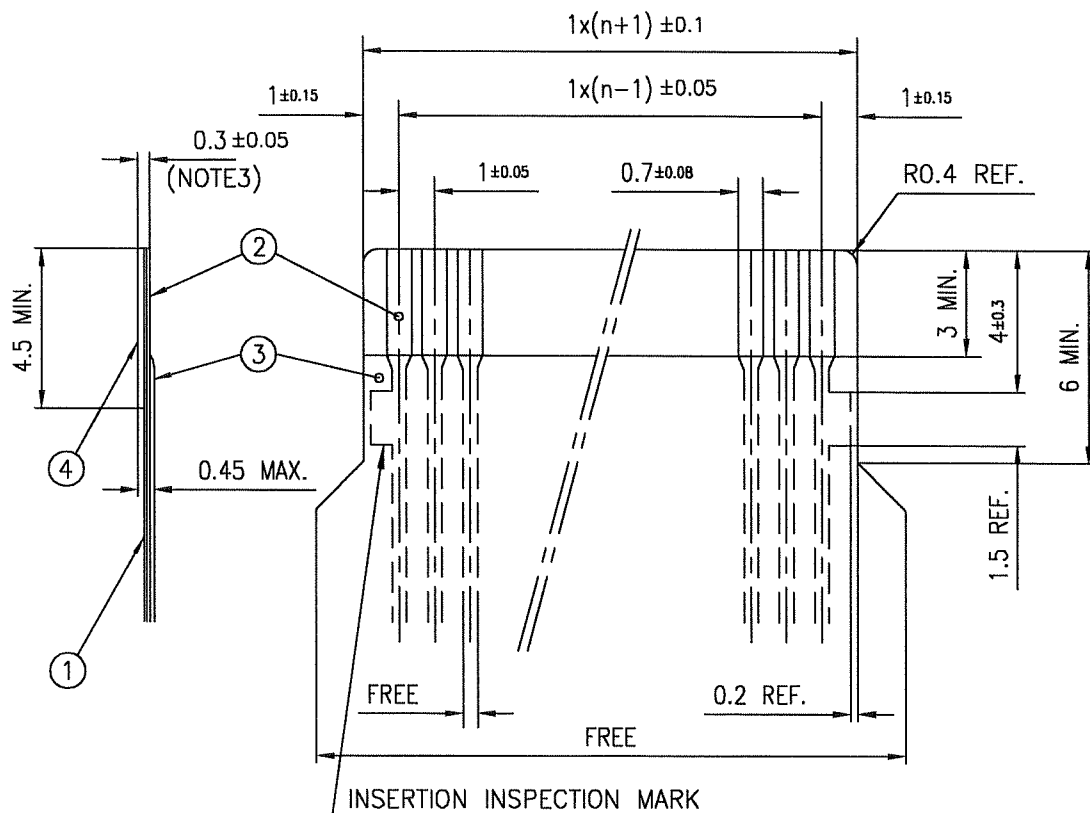
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR:GRAY
2	PLASTIC (EMBOSSED) TAPE	_____	PET	_____	COLOR:TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR:TRANSPARENCY
4	CONNECTOR	SFW__S-6ST__LF	SEE ATTACHED DWG.	1000	_____

NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR CIC AND 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 (EMBOSSED) 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	10/19/06			
				enr	10/19/06		type Product Customer Drawing	
				chr	10/19/06			
				appd	10/20/06		Rev. B	
sheet index	revision	B	sheet 1					

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 $58 \checkmark$ 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 $\times$		(CAT.No.SFW__S-6ST__)							
				dr		<i>K. Shroye</i>				dwg no				sheet 1 of 1		size	
				enrg		<i>10/19/06</i>				JSA 93904				A4			
				chr		<i>K. Shroye</i>											
				appd		<i>S. Dudam</i>											
sheet index		revision		AB												Rev	
		sheet		1												AB	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[SFW7S-1STE1LF](#) [SFW5S-6STE1LF](#) [SFW22S-6STE1LF](#) [SFW7-P2](#) [SFW12S-6STE1LF](#) [SFW11S-6STE1LF](#)
[SFW6S-6STE1LF](#)