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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-25T__
		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-65T__
SFW_S-25T(M)E1LF	Cable dwg.	JSAG3901	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	SFW_S-65T_E1
	Manual	JSAG3902	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	SFW_S-65T_E1
		JSAG3903	RECOMMENDED CABLE	SFW_S-65T__
		JSAG3904		
	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
SFW_S-65T(M)E1LF	Cable dwg.	JSAG6517	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	SFW_S-25T_E1LF
	Manual	JSAG6518	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	SFW_S-25T_E1LF
		JSAG6519	RECOMMENDED CABLE	SFW_S-25T__LF
		JSAG6520	RECOMMENDED CABLE	SFW_S-25T__LF
		JSAG3340		
		JSAG3341		
SFW_S-65T(M)E1LF	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
		JSAG6524	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	SFW_S-65T_E1LF
		JSAG6525	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	

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-2ST____	10.4	5.24	3
	5	SFW5S-2ST____	11.4	6.24	4
	6	SFW6S-2ST____	12.4	7.24	5
*	7	SFW7S-2ST____	13.4	8.24	6
	8	SFW8S-2ST____	14.4	9.24	7
*	9	SFW9S-2ST____	15.4	10.24	8
	10	SFW10S-2ST____	16.4	11.24	9
	11	SFW11S-2ST____	17.4	12.24	10
*	12	SFW12S-2ST____	18.4	13.24	11
	13	SFW13S-2ST____	19.4	14.24	12
	14	SFW14S-2ST____	20.4	15.24	13
	15	SFW15S-2ST____	21.4	16.24	14
	16	SFW16S-2ST____	22.4	17.24	15
	17	SFW17S-2ST____	23.4	18.24	16
*	18	SFW18S-2ST____	24.4	19.24	17
*	19	SFW19S-2ST____	25.4	20.24	18
	20	SFW20S-2ST____	26.4	21.24	19
*	21	SFW21S-2ST____	27.4	22.24	20
	22	SFW22S-2ST____	28.4	23.24	21
	23	SFW23S-2ST____	29.4	24.24	22
	24	SFW24S-2ST____	30.4	25.24	23
*	25	SFW25S-2ST____	31.4	26.24	24
	26	SFW26S-2ST____	32.4	27.24	25
*	27	SFW27S-2ST____	33.4	28.24	26
	28	SFW28S-2ST____	34.4	29.24	27
	29	SFW29S-2ST____	35.4	30.24	28
	30	SFW30S-2ST____	36.4	31.24	29
*	31	SFW31S-2ST____	37.4	32.24	30
*	32	SFW32S-2ST____	38.4	33.24	31

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

SERIES _____

NO. OF CONTACTS _____

STRAIGHT TYPE _____

FOR FPC / FFC _____

VARIATION _____

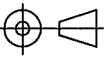
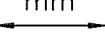
STM : FOR AUTOMATIC MOUNTING (SMT)
WITH MOUNTING PLATE

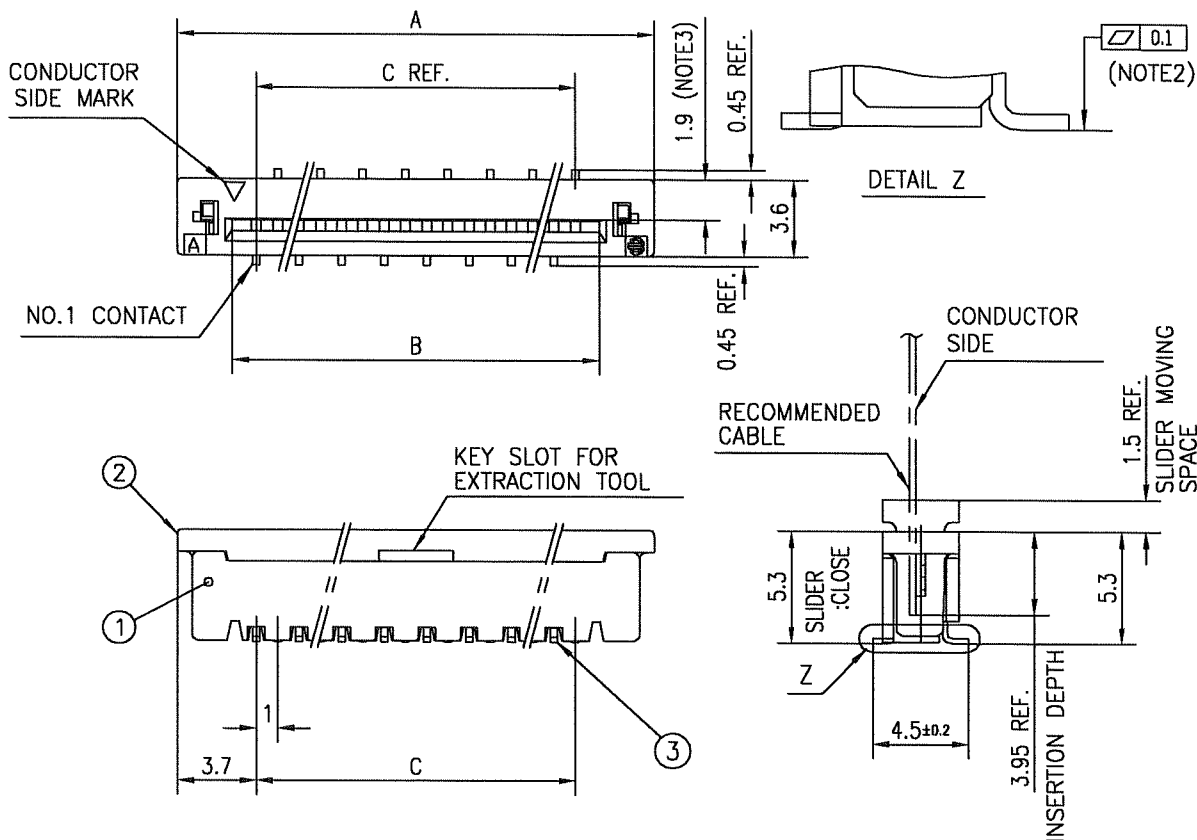
ST : FOR AUTOMATIC MOUNTING (SMT)
WITHOUT MOUNTING PLATE

PACKAGE STYLE _____

NOTES

1. THIS PRODUCT IS THE CONNECTOR, DESIGNED TO TERMINATE FPC/FFC 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

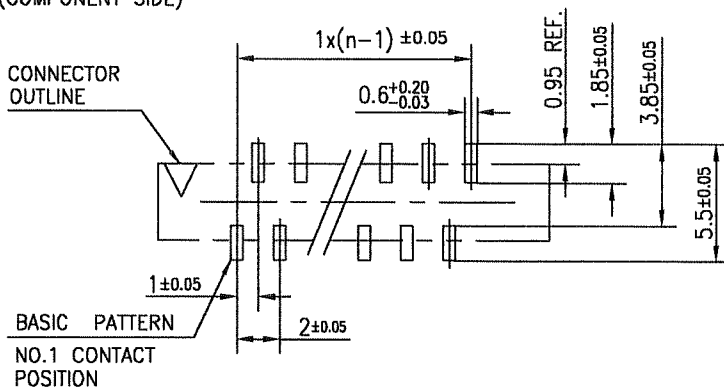
mat'l. code				surface 58 / tolerance ISO 1302 ✓ ISO 406 ISO 1101		projection 		product family 58SF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm 		title CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.No.SFW__S-2ST__)			
AA	J04-0333	H.T	2004-10-13	angles	linear						
AB	J05-0547	H.T	2005-8-30			scale $\propto$		dwg no sheet 1 of 1 size A4			
AC	J06-0430	H.T	2006-10-19								
AD	J07-0407	H.T	2007-8-9	dr	<i>H. Shoji</i> 2007-8-9			type Product Customer Drawing			
				engr	<i>R. Shoji</i> 2007-8-9						
				chr	<i>R. Shoji</i> 2007-8-9						
				appd	<i>J. Nakano</i> 2007-8-16						
sheet index	revision	AD	1								Rev. AD



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

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

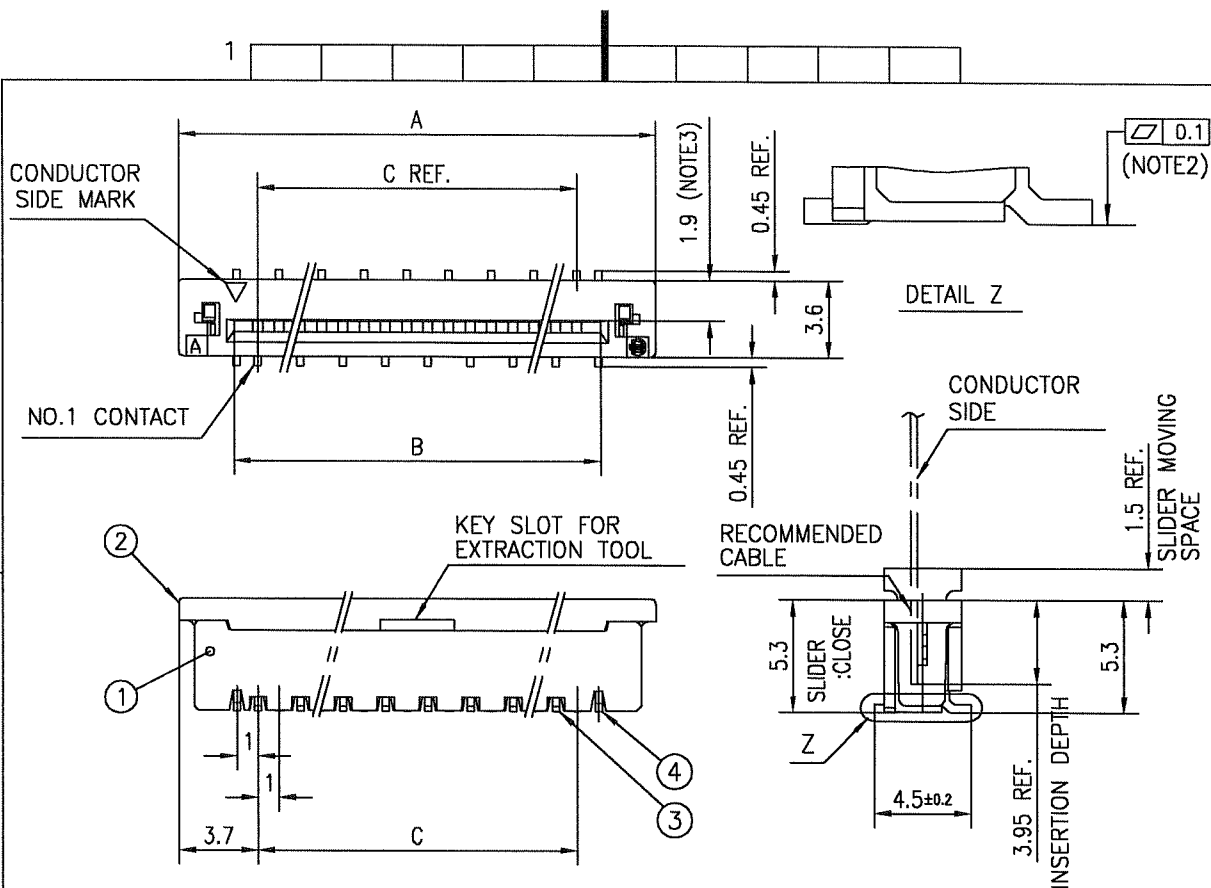


NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPE 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.

mat'l. code				surface 58	tolerance	projection	product family	CODE
				ISO 1302	ISO 406		58SF	JP
				tolerances unless otherwise specified			title	
ltr	ecn no	dr	date	angles	linear	mm		
AA	J04-0333	H.T	Oct.13/04		±0.2		1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (CAT.No.SFW__S-2ST__)	
AB	J06-0430	H.T	10/19/06					
				dr	10/19/06	FCI	dwg no	
				engr	10/19/06			
				chr	10/18/06		sheet 1 of 1	
				appd	10/20/06			
sheet	revision	AB					type Product Customer Drawing	
index	sheet	1						
							Rev.	

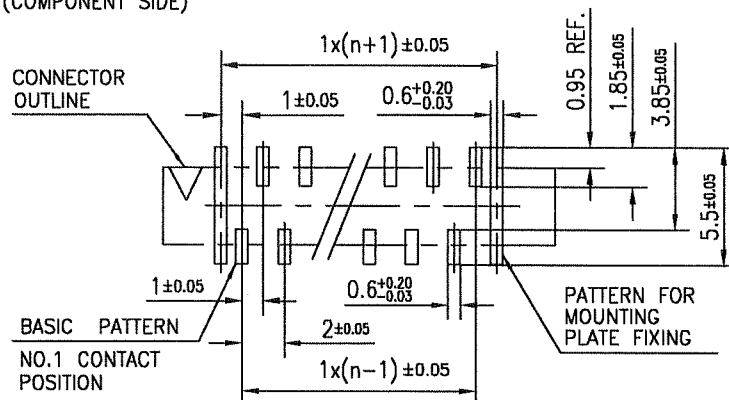
SC-SFWS01 JSA93342
form: A4



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 ALLOY
4	MOUNTING PLATE	BRASS	2	

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)



NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPEs 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.

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 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (CAT.No.SFW__S-2STM__)	
AA	J04-0333	H.T	Oct.13/04	angles linear ±0.2			
AB	J06-0430	H.T	10/19/06		scale	dwg no JSA 93836	sheet 1 of 1 size A4
				dr 12/19/06	FCI	type Product Customer Drawing	
				engr 10/19/06			
				chr 10/19/06			
				appd 10/20/06			
sheet index	revision	AB	1				Rev. AB

SC-SFWS01 JSA93342
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_E1	28.4	24	—
	5	SFW5S-2ST_E1	28.4	24	—
	6	SFW6S-2ST_E1	28.4	24	—
*	7	SFW7S-2ST_E1	28.4	24	—
	8	SFW8S-2ST_E1	28.4	24	—
*	9	SFW9S-2ST_E1	28.4	24	—
	10	SFW10S-2ST_E1	28.4	24	—
	11	SFW11S-2ST_E1	28.4	24	—
*	12	SFW12S-2ST_E1	36.4	32	28.4
	13	SFW13S-2ST_E1	36.4	32	28.4
	14	SFW14S-2ST_E1	36.4	32	28.4
	15	SFW15S-2ST_E1	36.4	32	28.4
	16	SFW16S-2ST_E1	48.4	44	40.4
	17	SFW17S-2ST_E1	48.4	44	40.4
*	18	SFW18S-2ST_E1	48.4	44	40.4
*	19	SFW19S-2ST_E1	48.4	44	40.4
	20	SFW20S-2ST_E1	48.4	44	40.4
*	21	SFW21S-2ST_E1	48.4	44	40.4
	22	SFW22S-2ST_E1	48.4	44	40.4
	23	SFW23S-2ST_E1	48.4	44	40.4
	24	SFW24S-2ST_E1	48.4	44	40.4
*	25	SFW25S-2ST_E1	48.4	44	40.4
	26	SFW26S-2ST_E1	48.4	44	40.4
*	27	SFW27S-2ST_E1	60.4	56	52.4
	28	SFW28S-2ST_E1	60.4	56	52.4
	29	SFW29S-2ST_E1	60.4	56	52.4
	30	SFW30S-2ST_E1	60.4	56	52.4
*	31	SFW31S-2ST_E1	60.4	56	52.4
*	32	SFW32S-2ST_E1	60.4	56	52.4

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

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

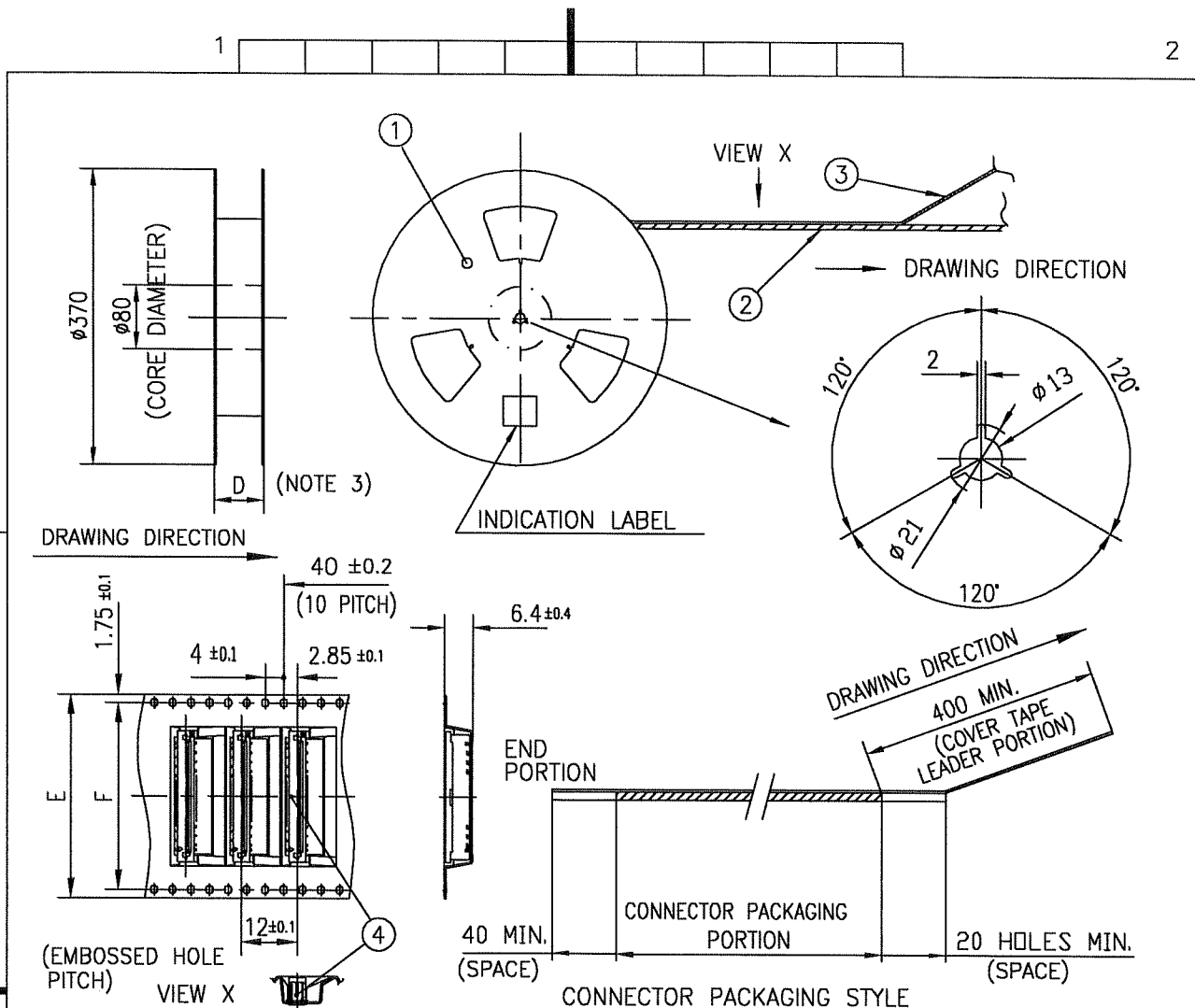
PACKAGE STYLE

NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPE WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS D~F.
4. 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			
AA	J04-0333	H.T	2004-10-13	angles linear		mm		CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. (CAT.No.SFW__S-2ST_E1)			
AB	J05-0547	H.T	2005-8-30			scale X					
AC	J06-0430	H.T	2006-10-19								
AD	J07-0407	H.T	2007-8-9								
				dr		2007-8-9		dwg no sheet 1 of 1 size			
				enr		2007-8-9		JSA 93343 A4			
				chr		2007-8-9					
				appd		2007-8-16					
sheet index		revision		AD						Rev. AD	
1		1									

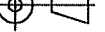
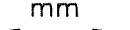
JSA93342 93338 form: A4



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

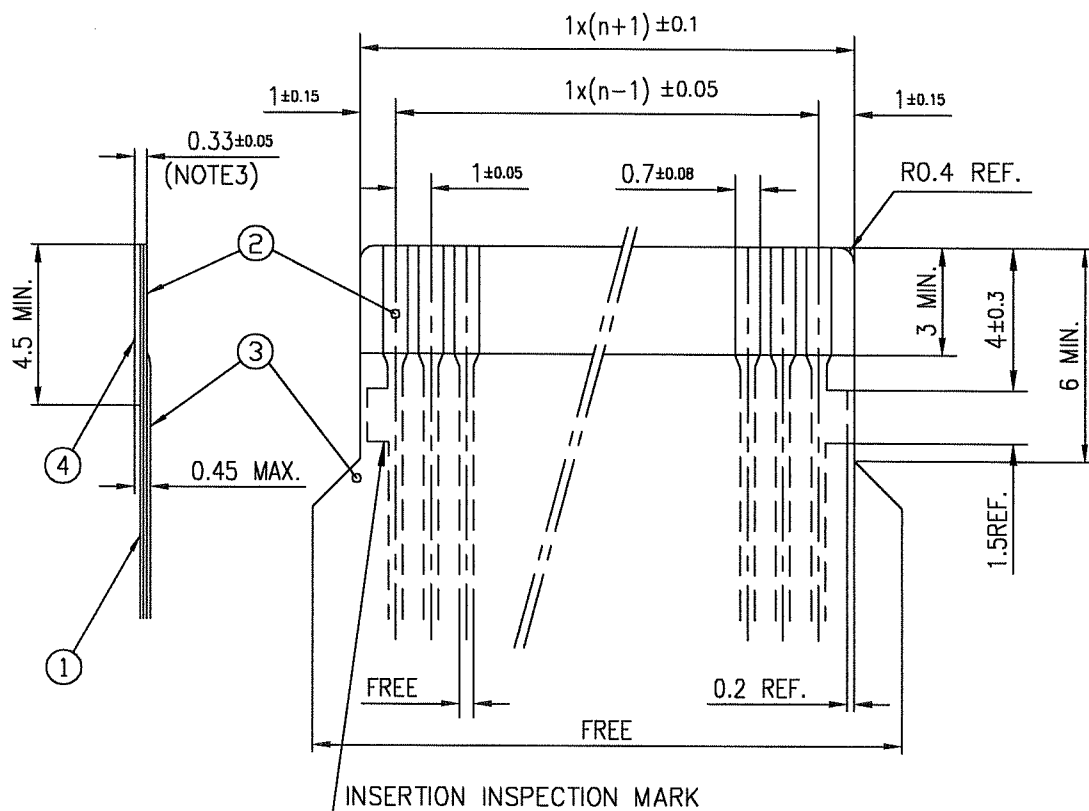
NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND CYPES 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 (EMBOSSD) TAPE AND REEL.
3. F DIMENSION IS PORTION OF THE CORE.

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 PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CATA.No.SFW__S-2ST_E1)					
AA	J04-0333	H.T	Oct.13,'04	angles	linear	±5		scale X								
AB	J06-0430	H.T	10/19/'06			±5°										
				dr	<i>K. Sathya</i>	<i>10/19/06</i>			dwg no				sheet 1 of 1		size	
				enr	<i>K. Sathya</i>	<i>10/19/06</i>			JSA 93338				A4			
				chr	<i>K. Sathya</i>	<i>10/19/06</i>										
				appd	<i>P. G. Sathya</i>	<i>10/20/06</i>										
sheet index		revision		AB							type Product Customer Drawing					
		sheet		1											Rev AB	

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			mm		RECOMMENDED CABLE			
AB	J06-0430	H.T	10/19/06	angles	linear	scale X		(CAT.No.SFW__S-2ST__)			
				dr	10/19/06	FCI		dwg no		sheet 1 of 1	size
				enr	10/19/06			JSA 93340			A4
				chr	10/19/06			type		Product Customer Drawing	
				appd	10/20/06						
sheet index	revision	AB	1							Rev. AB	

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 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				angles linear		mm		RECOMMENDED CABLE (CAT.No.SFW__S-2ST__)			
AB J06-0430 H.T. 10/19/06						scale X		dwg no sheet 1 of 1 size			
				dr 10/19/06		FCI		JSA 93341 A4			
				enr 10/19/06				type Product Customer Drawing			
				chr 10/19/06							
				appd 10/20/06							
sheet index		revision AB								Rev. AB	
sheet 1											

Mouser Electronics

Authorized Distributor

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

FCI / Amphenol:

[SFW10S-2STE1](#) [SFW10S-2STME1](#) [SFW20S-2STME1](#) [SFW30S-2STE1](#) [SFW30S-2STME1](#) [SFW6S-2STE1](#)
[SFW8S-2STE1](#) [SFW12S-2STE1](#) [SFW16S-6STME1](#) [SFW17S-2STME1](#) [SFW18S-2STME1](#) [SFW24S-2STME1](#)
[SFW24S-2STME5LF](#) [SFW4S-6STME1](#) [SFW7S-2STME1LF](#) [SFW7S-2STME5LF](#) [SFW8S-2STRE1LF](#) [SFW14S-](#)
[2STME1](#) [SFW16S-2STME1](#) [SFW18S-2STE1](#) [SFW20S-2STE1](#) [SFW22S-2STME1](#) [SFW24S-2STE1](#) [SFW26S-2STE1](#)
[SFW26S-2STME1](#) [SFW28S-2STE1](#) [SFW4S-2STME1](#) [SFW5S-2STE1](#) [SFW5S-2STME1](#) [SFW6S-2STME1](#) [SFW8S-](#)
[2STME1](#) [SFW10S-2STE9LF](#) [SFW16S-2STE9LF](#) [SFW20S-2STE9LF](#) [SFW24S-2STE9LF](#) [SFW28S-2STE9LF](#)
[SFW30S-2STE9LF](#) [SFW4S-2STE9LF](#) [SFW8S-2STE9LF](#) [SFW16S2STE1](#) [SFW30S-2STME5LF](#) [SFW23S-2STME1](#)
[SFW8S-2STME5LF](#)