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form: A4

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		
		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 FPC/FFC CONNECTOR	SFW_S-25T__LF
	Manual	JSAG6517	1mm SPACING SURFACE MOUNT FPC/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		
		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		title	
A				J05-0334		H.T		6/3/'05		SFW_S Documents Configuration	
B				J05-0377		H.T		6/22/'05		(1mm Spacing connector)	
C				J06-0430		H.T		10/19/'06			
										dwg no	
										sheet 1 of 1	
										size	
										A4	
										type	
										Product Customer Drawing	
sheet index				revision		C				Rev.	
				sheet		1				C	

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 _____

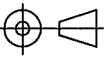
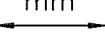
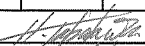
STM : FOR AUTOMATIC MOUNTING (SMT)
WITH MOUNTING PLATE

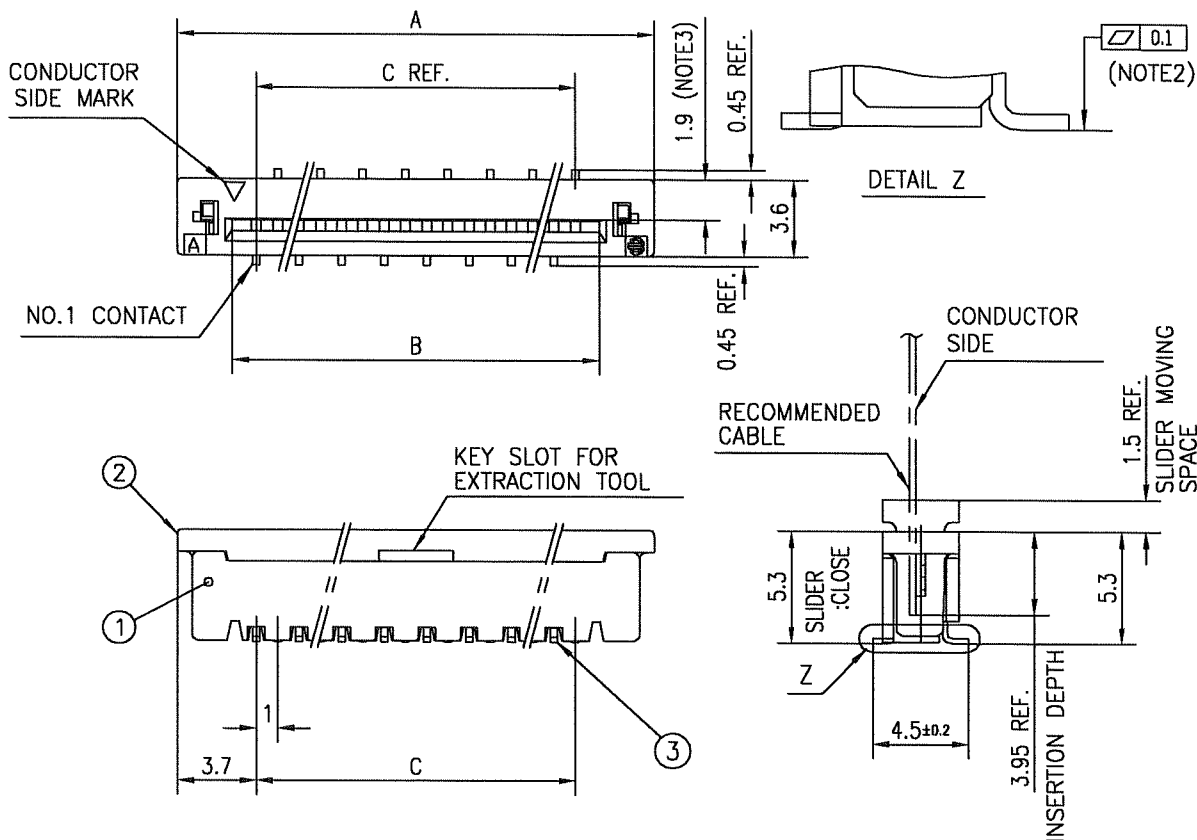
ST : FOR AUTOMATIC MOUNTING (SMT)
WITHOUT MOUNTING PLATE

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

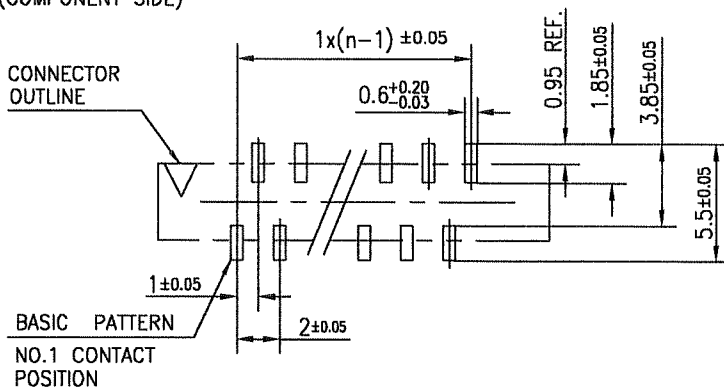
mat'l. code				surface 58 / tolerance ISO 1302 ✓ ISO 406 ISO 1101		projection 		product family 58SF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm 		title CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.No.SFW__S-2ST__)			
AA	J04-0333	H.T	2004-10-13	angles	linear						
AB	J05-0547	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				type Product Customer Drawing			
				engr							
				chr							
				appd							
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

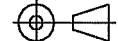
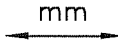
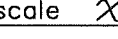
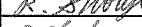
n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

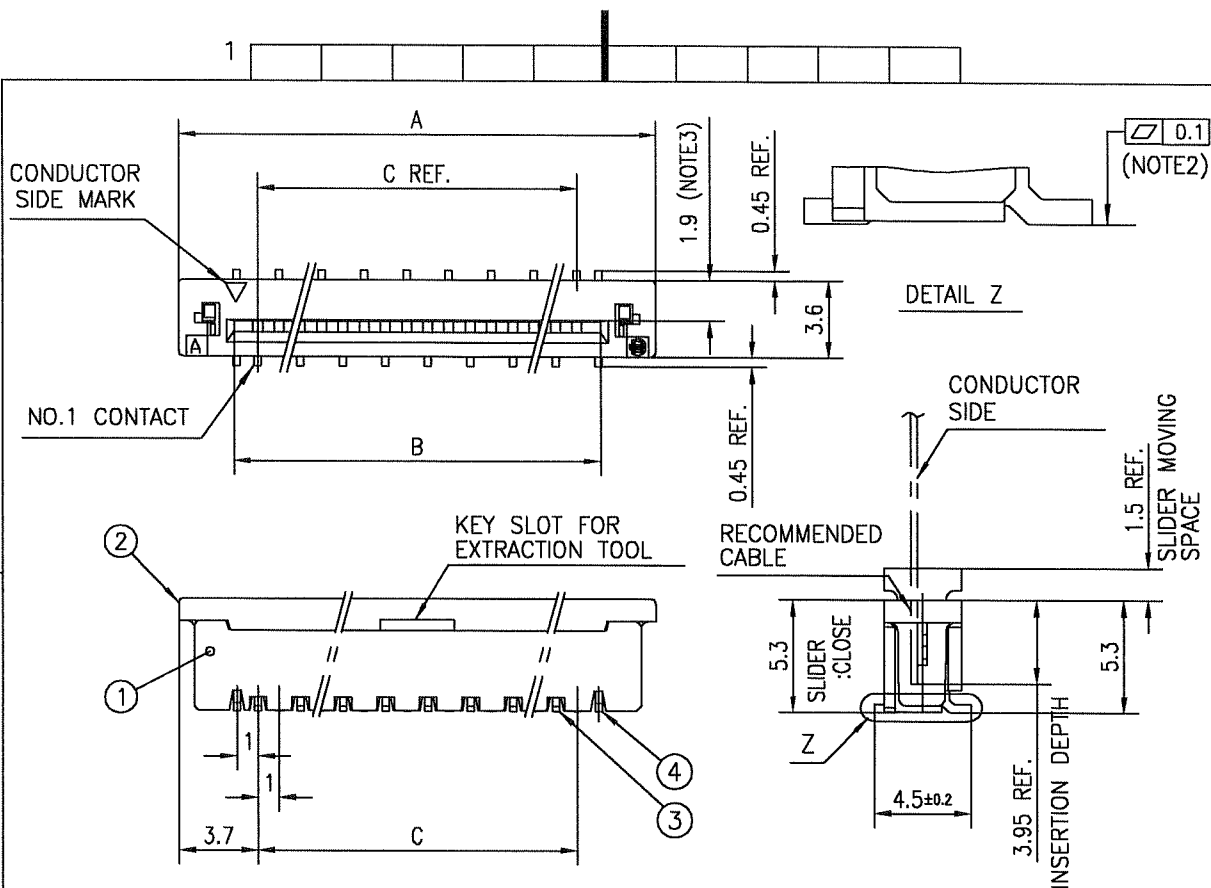


NOTES

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 ✓ 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__)					
AA	J04-0333	H.T	Oct.13/'04	angles linear		±0.2										
AB	J06-0430	H.T	10/19/'06													
						scale 				dwg no sheet 1 of 1 JSA 93579 size A4						
				dr		 10/19/06										
				enrg		 10/19/06										
				chr		 10/18/06										
				appd		 10/20/06										
sheet index		revision sheet		AB	1										Rev AB	
type Product Customer Drawing																

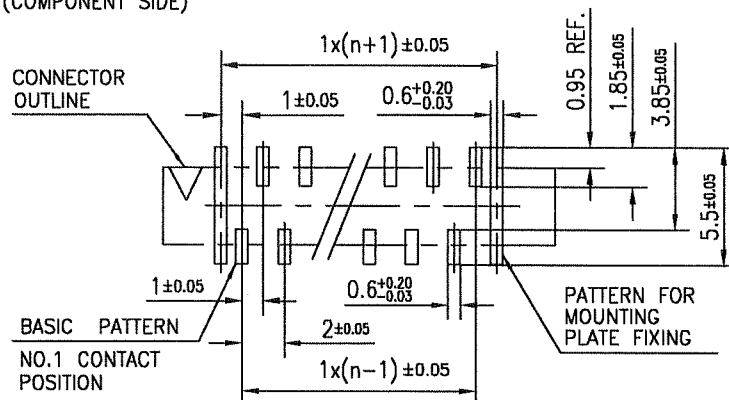
SC-SFWS01 JSA93342
form: A4



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

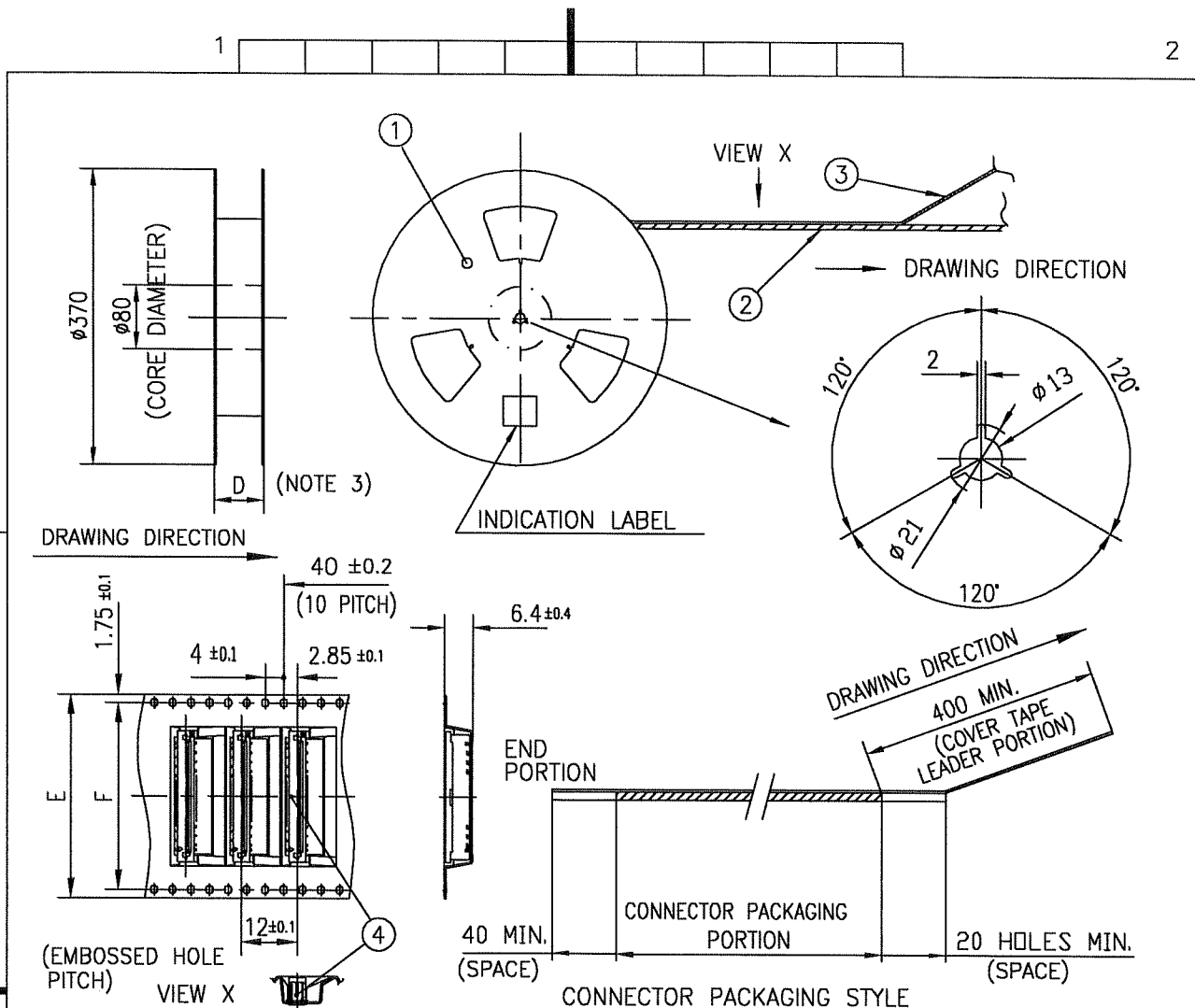
PACKAGE STYLE

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								
				engr		FCJ		dwg no sheet 1 of 1 size			
				chr				JSA 93343 A4			
				appd				type Product Customer Drawing			
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	_____

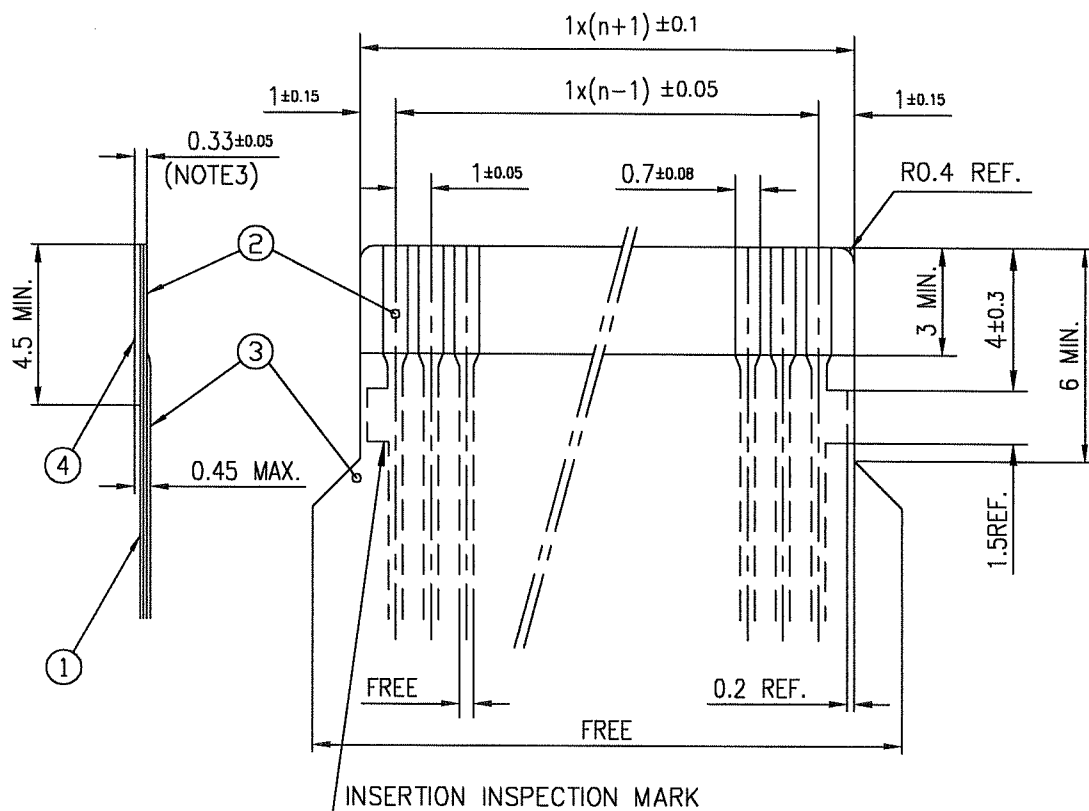
NOTES

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	tolerance ISO 406	projection	product family	58SF	CODE JP
ltr	ecn no	dr	date	ISO 1302	ISO 1101		title		
AA	J04-0333	H.T	06/13/04	tolerances unless otherwise specified	±5	mm			
AB	J06-0430	H.T	10/19/06	angles	linear	scale X	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CATA.No.SFW__S-2ST_E1)		
				±5°					
				dr	10/19/06		dwg no		
				enr	10/19/06				
				chr	10/19/06		sheet 1 of 1 size A4		
				appd	10/20/06				
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 1μm MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUIVALENT	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUIVALENT	188

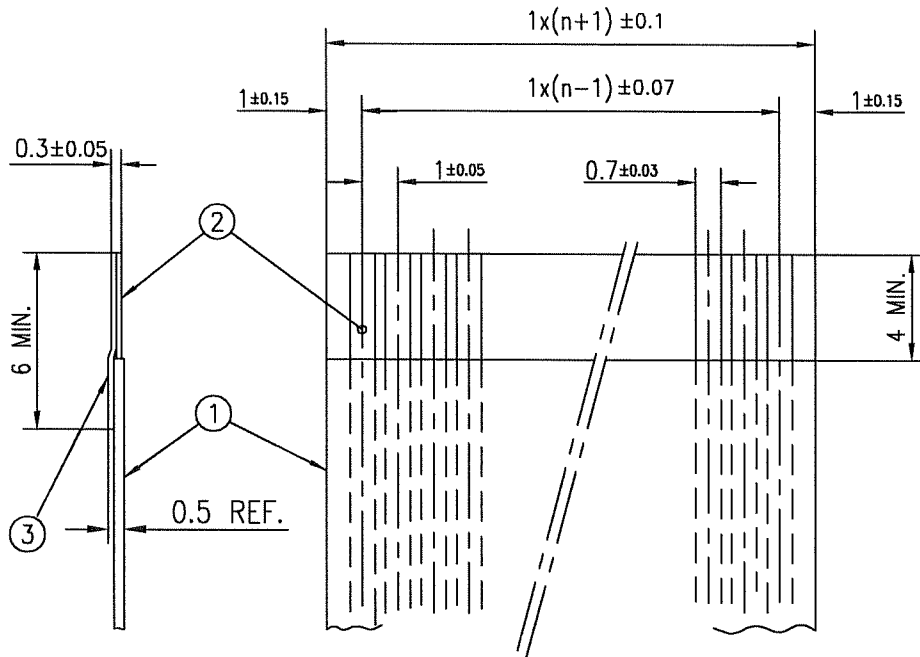
NOTES

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 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. Oct.13/'04				angles linear		mm		RECOMMENDED CABLE			
AB J06-0430 H.T. 10/19/'06						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 sheet		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 1 μm 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 58 / 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. 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 sheet		AB 1						Rev. AB	