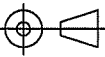




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Configuration of Documents

mat'l. code				surface 58 / tolerance ISO 1302 / ISO 406 / ISO 1101		projection		product family 580F		CODE JP		
ltr	ecn no	dr	date	tolerances unless otherwise specified		 mm scale X		title HFW_S Documents Configuration (1mm Contact Spacing connector)				
A	J09-0204	M.Y	2009-5-27	angles	linear							
								dwg no		sheet 1 of 1	size	
				dr	M.YAHASHITA			2009-5-27	JSA97530		A4	
				enr	M.YAHASHITA			2009-5-27	type Product Customer Drawing			
				chr	S. Watanabe			2009-5-28				
				appd	P. Chudai			2009-5-28				
sheet index	revision sheet	A 1									Rev. A	

form: A4

1

2

PDM: Rev:A

STATUS: Released

Printed: Nov 02, 2010

CAT. NO. & DIMENSIONS

(NOTE 3)	NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE2)				
			A ± 0.2	B ± 0.2	C ± 0.2	D ± 0.2	E ± 0.2
	4	HFW4S-2ST__LF	7	5.14	3	—	—
	5	HFW5S-2ST__LF	8	6.14	4	—	—
	6	HFW6S-2ST__LF	9	7.14	5	—	—
	7	HFW7S-2ST__LF	10	8.14	6	—	—
	8	HFW8S-2ST__LF	11	9.14	7	—	—
	9	HFW9S-2ST__LF	12	10.14	8	0.35	7.3
	10	HFW10S-2ST__LF	13	11.14	9	0.35	8.3
	11	HFW11S-2ST__LF	14	12.14	10	1.35	7.3
	12	HFW12S-2ST__LF	15	13.14	11	1.35	8.3
	13	HFW13S-2ST__LF	16	14.14	12	2.35	7.3
	14	HFW14S-2ST__LF	17	15.14	13	2.35	8.3
	15	HFW15S-2ST__LF	18	16.14	14	3.35	7.3
	16	HFW16S-2ST__LF	19	17.14	15	3.35	8.3
	17	HFW17S-2ST__LF	20	18.14	16	4.35	7.3
	18	HFW18S-2ST__LF	21	19.14	17	4.35	8.3
	19	HFW19S-2ST__LF	22	20.14	18	5.35	7.3
	20	HFW20S-2ST__LF	23	21.14	19	5.35	8.3
	21	HFW21S-2ST__LF	24	22.14	20	6.35	7.3
	22	HFW22S-2ST__LF	25	23.14	21	6.35	8.3
	23	HFW23S-2ST__LF	26	24.14	22	7.35	7.3
	24	HFW24S-2ST__LF	27	25.14	23	7.35	8.3
	25	HFW25S-2ST__LF	28	26.14	24	8.35	7.3
	26	HFW26S-2ST__LF	29	27.14	25	8.35	8.3
	27	HFW27S-2ST__LF	30	28.14	26	9.35	7.3
	28	HFW28S-2ST__LF	31	29.14	27	9.35	8.3
	29	HFW29S-2ST__LF	32	30.14	28	10.35	7.3
	30	HFW30S-2ST__LF	33	31.14	29	10.35	8.3
*	31	HFW31S-2ST__LF	34	32.14	30	11.35	7.3
	32	HFW32S-2ST__LF	35	33.14	31	11.35	8.3
*	33	HFW33S-2ST__LF	36	34.14	32	12.35	7.3

CAT. NO.

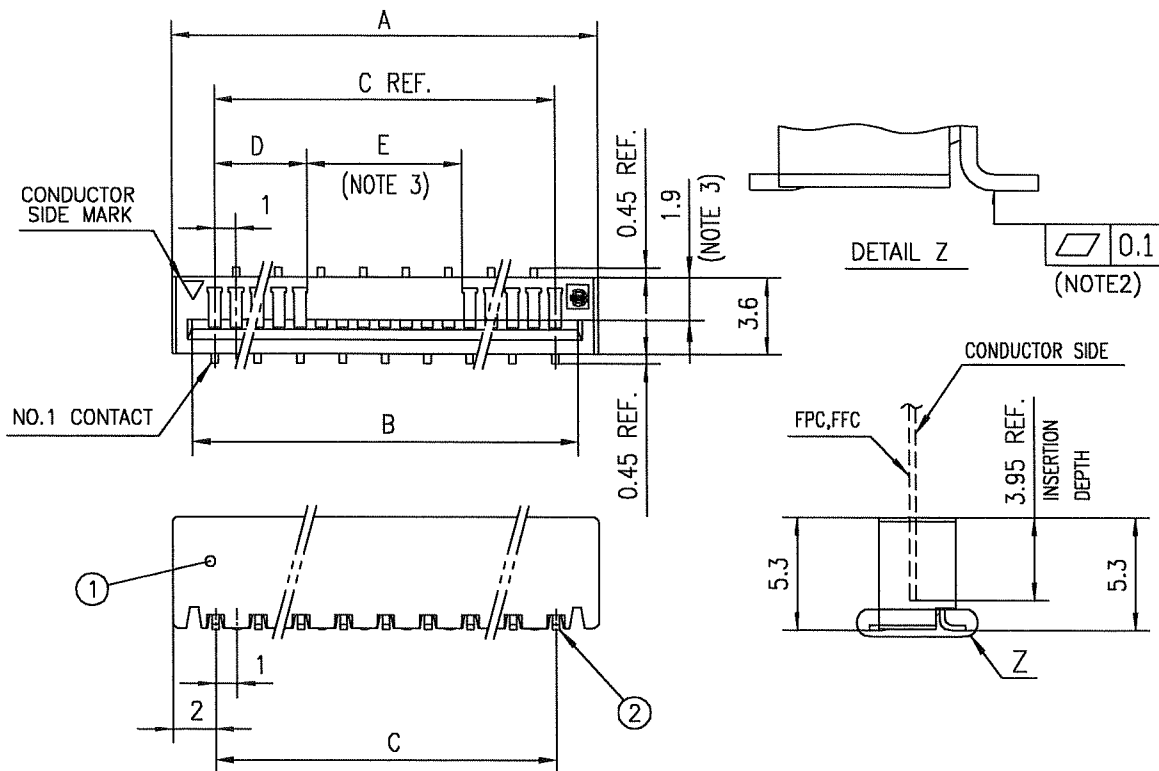
HFW (n) S-2 ST __ LF
 SERIES
 NO. OF CONTACTS
 STRAIGHT TYPE
 FOR FPC / FFC
 FOR AUTOMATIC MOUNTING (SMT)
 PACKAGE STYLE
 LEAD FREE

NOTES

1. THIS PRODUCT IS THE CONNECTOR DSIGNED TO TERMINATE FPC/FFC AND COPEs WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~E.
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 580F		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.No.HFW__S-2ST__LF)			
A	J05-0334	H.T	6/3/'05	angles	linear	scale X		dwg no sheet 1 of 1 size A4			
B	J06-0435	H.T	10/26/'06			FCI		JSA 96464			
				dr	10/26/'06			type Product Customer Drawing			
				engr	10/26/'06			Rev. B			
				chr	10/26/'06						
				appd	10/27/'06						
sheet index		revision B									
		sheet 1									

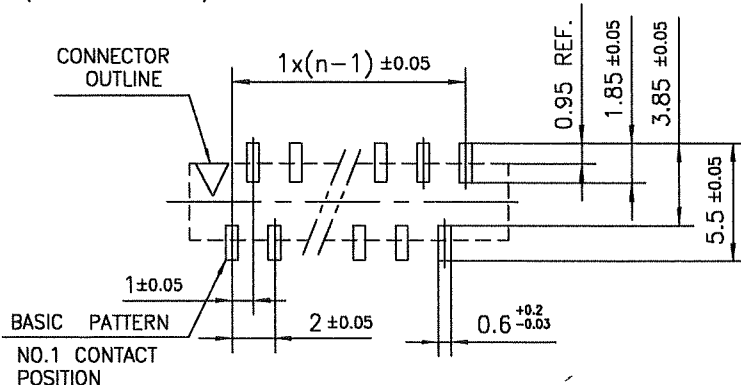
 SC-HFWS03 JSA96465,96466,96467,93588,93587
 form: A4



PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PA6T RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	CONTACT	PHOSPHOR BRONZE	n	Ni UNDER Sn PLATING (LEAD FREE)

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)



NOTES

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

mat'l. code				surface 58 ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family 580F	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified		 mm scale X	title 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (CAT.No.HFW__S-2ST__LF)	
A	J05-0334	H.T	6/3/'05	angles	linear			
B	J05-0731	H.T	10/28/'05					
C	J06-0435	H.T	10/26/'06				dwg no JSA 96465	
				dr	10/26/'06		sheet 1 of 1	
				enr	10/26/'06		size A4	
				chr	10/26/'06		type Product Customer Drawing	
				appd	10/27/'06			
sheet index	revision	C						Rev. c

SC-HFWS03 JSA96464
form: A4

1

2

CAT. NO. & DIMENSIONS

(NOTE.4)	NO. OF CONTACTS (n)	CAT. NO. (NOTE.2)	DIMENSIONS (NOTE.3)		
			F MAX.	G ± 0.3	H ± 0.1
	4	HFW4S-2STE9LF	30.4	24	—
	5	HFW5S-2STE9LF	30.4	24	—
	6	HFW6S-2STE9LF	30.4	24	—
	7	HFW7S-2STE9LF	30.4	24	—
	8	HFW8S-2STE9LF	30.4	24	—
	9	HFW9S-2STE9LF	30.4	24	—
	10	HFW10S-2STE9LF	30.4	24	—
	11	HFW11S-2STE9LF	30.4	24	—
	12	HFW12S-2STE9LF	30.4	24	—
	13	HFW13S-2STE9LF	30.4	24	—
	14	HFW14S-2STE9LF	38.4	32	28.4
	15	HFW15S-2STE9LF	38.4	32	28.4
	16	HFW16S-2STE9LF	38.4	32	28.4
	17	HFW17S-2STE9LF	38.4	32	28.4
	18	HFW18S-2STE9LF	50.4	44	40.4
	19	HFW19S-2STE9LF	50.4	44	40.4
	20	HFW20S-2STE9LF	50.4	44	40.4
	21	HFW21S-2STE9LF	50.4	44	40.4
	22	HFW22S-2STE9LF	50.4	44	40.4
	23	HFW23S-2STE9LF	50.4	44	40.4
	24	HFW24S-2STE9LF	50.4	44	40.4
	25	HFW25S-2STE9LF	50.4	44	40.4
	26	HFW26S-2STE9LF	50.4	44	40.4
	27	HFW27S-2STE9LF	50.4	44	40.4
	28	HFW28S-2STE9LF	50.4	44	40.4
	29	HFW29S-2STE9LF	62.4	56	52.4
	30	HFW30S-2STE9LF	62.4	56	52.4
*	31	HFW31S-2STE9LF	62.4	56	52.4
	32	HFW32S-2STE9LF	62.4	56	52.4
*	33	HFW33S-2STE9LF	62.4	56	52.4

CAT. NO.

HFW (n) S - 2 ST E9 LF

SERIES

NO. OF CONTACTS

STRAIGHT TYPE

FOR FPC / FFC

FOR AUTOMATIC MOUNTING (SMT)

PACKAGE STYLE

LEAD FREE

NOTES

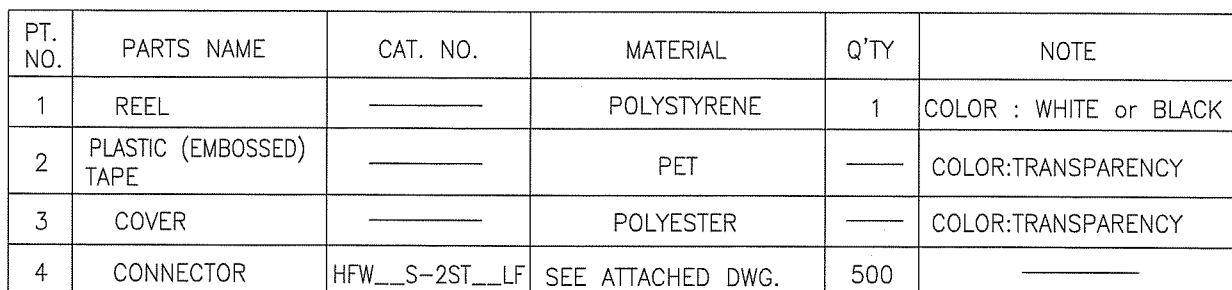
1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPE WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS F~H.
4. PLEASE CONSULT US IN CASE OF USING PARTS WITH * MARK.

mat'l. code				surface 58 / tolerance ISO 406 / ISO 1101		projection		product family 580F		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title			
A	J09-0204	M.Y	2009-5-27			mm		CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. (CAT.No.HFW__S-2STE9LF)			
				angles	linear	scale X		dwg no sheet 1 of 1 size			
				dr	M.YAMASHITA 2009-5-27			JSA 97531 A4			
				enr	M.YAMASHITA 2009-5-27			type Product Customer Drawing			
				chr	S. Mitani 2009-5-28						
				appd	S. Chudanda 2009-5-28						
sheet index	revision	A									Rev. A

SC-HFWS07 JSA97530 97532
form: A4

1

2



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 (EMBOSSSED) TAPE AND REEL.
3. F DIMENSION IS PORTION OF THE CORE.

mat'l. code				surface 58 ✓ / ISO 1302 tolerances unless otherwise specified ISO 406 ISO 1101				projection 		product family 580F				CODE JP							
ltr A		ecn no J09-0204		dr M.Y		date 2009-5-27		angles ±5 linear				title PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CAT.No.HFW__S-2STE9LF)									
						±5°		scale X													
								dr M.YAMASHITA 2009-5-27				dwg no				sheet 1 of 1				size	
						engr M.YAMASHITA 2009-5-27		JSA 97532				A4									
						chr S. Kitalo 2009-5-28															
						appd P. Gudam 2009-5-28															
sheet index		revision sheet		A 1														Rev. A			

CAT. NO. & DIMENSIONS

(NOTE 3)	NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE2)				
			A ± 0.2	B ± 0.2	C ± 0.2	D ± 0.2	E ± 0.2
*	4	HFW4S-2STM__LF	7	5.14	3	—	—
	5	HFW5S-2STM__LF	8	6.14	4	—	—
	6	HFW6S-2STM__LF	9	7.14	5	—	—
	7	HFW7S-2STM__LF	10	8.14	6	—	—
	8	HFW8S-2STM__LF	11	9.14	7	—	—
*	9	HFW9S-2STM__LF	12	10.14	8	0.35	7.3
*	10	HFW10S-2STM__LF	13	11.14	9	0.35	8.3
	11	HFW11S-2STM__LF	14	12.14	10	1.35	7.3
*	12	HFW12S-2STM__LF	15	13.14	11	1.35	8.3
*	13	HFW13S-2STM__LF	16	14.14	12	2.35	7.3
*	14	HFW14S-2STM__LF	17	15.14	13	2.35	8.3
*	15	HFW15S-2STM__LF	18	16.14	14	3.35	7.3
*	16	HFW16S-2STM__LF	19	17.14	15	3.35	8.3
*	17	HFW17S-2STM__LF	20	18.14	16	4.35	7.3
*	18	HFW18S-2STM__LF	21	19.14	17	4.35	8.3
*	19	HFW19S-2STM__LF	22	20.14	18	5.35	7.3
	20	HFW20S-2STM__LF	23	21.14	19	5.35	8.3
*	21	HFW21S-2STM__LF	24	22.14	20	6.35	7.3
	22	HFW22S-2STM__LF	25	23.14	21	6.35	8.3
*	23	HFW23S-2STM__LF	26	24.14	22	7.35	7.3
*	24	HFW24S-2STM__LF	27	25.14	23	7.35	8.3
*	25	HFW25S-2STM__LF	28	26.14	24	8.35	7.3
*	26	HFW26S-2STM__LF	29	27.14	25	8.35	8.3
*	27	HFW27S-2STM__LF	30	28.14	26	9.35	7.3
*	28	HFW28S-2STM__LF	31	29.14	27	9.35	8.3
*	29	HFW29S-2STM__LF	32	30.14	28	10.35	7.3
*	30	HFW30S-2STM__LF	33	31.14	29	10.35	8.3
*	31	HFW31S-2STM__LF	34	32.14	30	11.35	7.3
	32	HFW32S-2STM__LF	35	33.14	31	11.35	8.3
*	33	HFW33S-2STM__LF	36	34.14	32	12.35	7.3

CAT. NO.

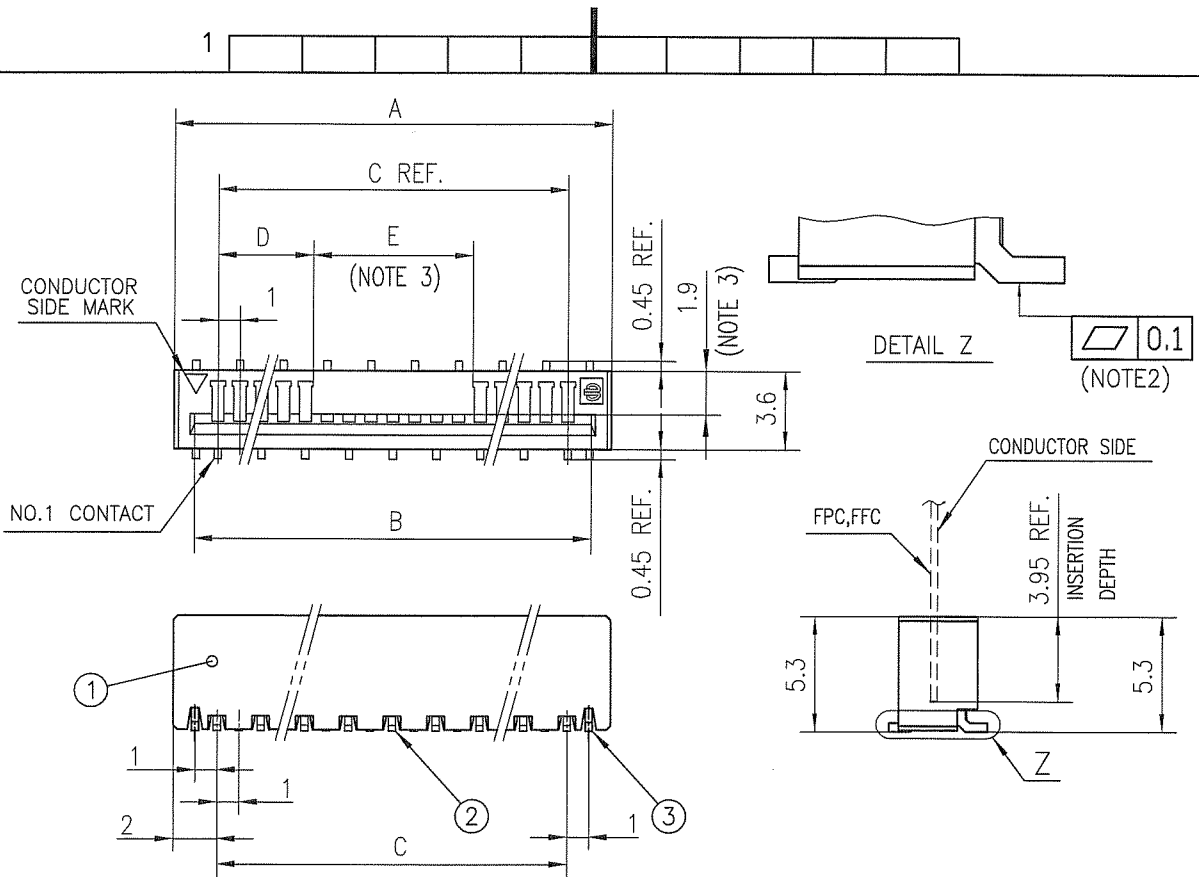
HFW (n) S-2 STM __ LF
 SERIES
 NO. OF CONTACTS
 STRAIGHT TYPE
 FOR FPC / FFC
 FOR AUTOMATIC MOUNTING (SMT) WITH MOUNTING PLATE
 PACKAGE STYLE
 LEAD FREE

NOTES

1. THIS PRODUCT IS THE CONNECTOR DSIGNED TO TERMINATE FPC/FFC AND COPEs WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~E.
3. PLEASE CONSULT US IN CASE OF USING PARTS WITH * MARK.

mat'l. code				surface 58 / tolerance ISO 406 ISO 1101		projection		product family 580F		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.No.HFW__S-2STM__LF)			
A	J09-0204	M.Y	2009-5-27	angles	linear	scale X		dwg no sheet 1 of 1 size A4			
				dr	M.YAHARA	2009-5-27		JSA 97533			
				enr	M.YAHARA	2009-5-27		type Product Customer Drawing			
				chr	S. W. H. L.	2009-5-28		Rev. A			
				appd	S. H. H. L.	2009-5-28					
sheet index	revision	A	1								

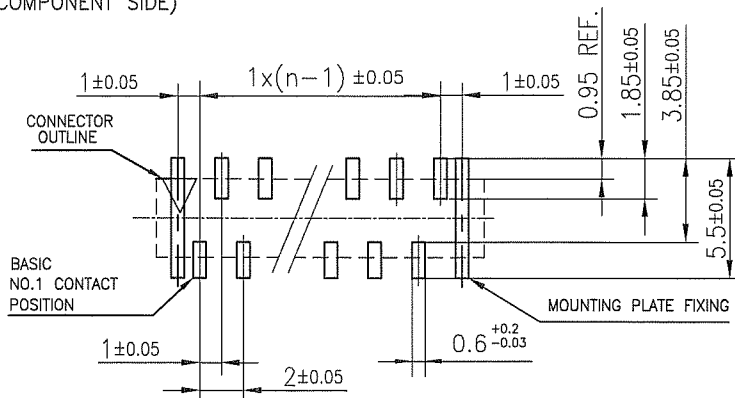
 SC-HFWS07 JSA97530 97534
 form: A4



PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PA6T RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	CONTACT	PHOSPHOR BRONZE	n	Ni UNDER Sn PLATING (LEAD FREE)
3	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 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.

mat'l. code				surface 58 ISO 1302		tolerance ISO 406 ISO 1101		projection mm		product family 580F		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm		title 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (CAT.No.HFW__S-2STM__LF)			
A	J09-0204	M.Y	2009-5-27	angles linear ±0.2				scale X		dwg no JSA 97534			
				dr M. YAMASHITA 2008-5-27				sheet 1 of 1		size A4			
				enr M. YAMASHITA 2009-5-27				type Product Customer Drawing					
				chr S. Watanabe 2009-5-28									
				appd J. Okada 2009-5-28									
sheet index		revision A		sheet 1								Rev. A	

SC-HFWS07 JSA97530 97533
form: A4

CAT. NO. & DIMENSIONS

(NOTE.4)	NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
			F MAX.	G ± 0.3	H ± 0.1
*	4	HFW4S-2STME9LF	38.4	32	28.4
	5	HFW5S-2STME9LF	38.4	32	28.4
	6	HFW6S-2STME9LF	38.4	32	28.4
	7	HFW7S-2STME9LF	38.4	32	28.4
	8	HFW8S-2STME9LF	38.4	32	28.4
*	9	HFW9S-2STME9LF	38.4	32	28.4
*	10	HFW10S-2STME9LF	38.4	32	28.4
	11	HFW11S-2STME9LF	38.4	32	28.4
*	12	HFW12S-2STME9LF	38.4	32	28.4
*	13	HFW13S-2STME9LF	38.4	32	28.4
*	14	HFW14S-2STME9LF	38.4	32	28.4
*	15	HFW15S-2STME9LF	38.4	32	28.4
*	16	HFW16S-2STME9LF	38.4	32	28.4
*	17	HFW17S-2STME9LF	50.4	44	40.4
*	18	HFW18S-2STME9LF	50.4	44	40.4
*	19	HFW19S-2STME9LF	50.4	44	40.4
	20	HFW20S-2STME9LF	50.4	44	40.4
*	21	HFW21S-2STME9LF	50.4	44	40.4
	22	HFW22S-2STME9LF	50.4	44	40.4
*	23	HFW23S-2STME9LF	50.4	44	40.4
*	24	HFW24S-2STME9LF	50.4	44	40.4
*	25	HFW25S-2STME9LF	50.4	44	40.4
*	26	HFW26S-2STME9LF	50.4	44	40.4
*	27	HFW27S-2STME9LF	50.4	44	40.4
*	28	HFW28S-2STME9LF	50.4	44	40.4
*	29	HFW29S-2STME9LF	62.4	56	52.4
*	30	HFW30S-2STME9LF	62.4	56	52.4
*	31	HFW31S-2STME9LF	62.4	56	52.4
	32	HFW32S-2STME9LF	62.4	56	52.4
*	33	HFW33S-2STME9LF	62.4	56	52.4

CAT. NO.

HFW (n) S - 2 STM E9 LF

SERIES

NO. OF CONTACTS

STRAIGHT TYPE

FOR FPC / FFC

FOR AUTOMATIC MOUNTING (SMT)
WITH MOUNTING PLATE

PACKAGE STYLE

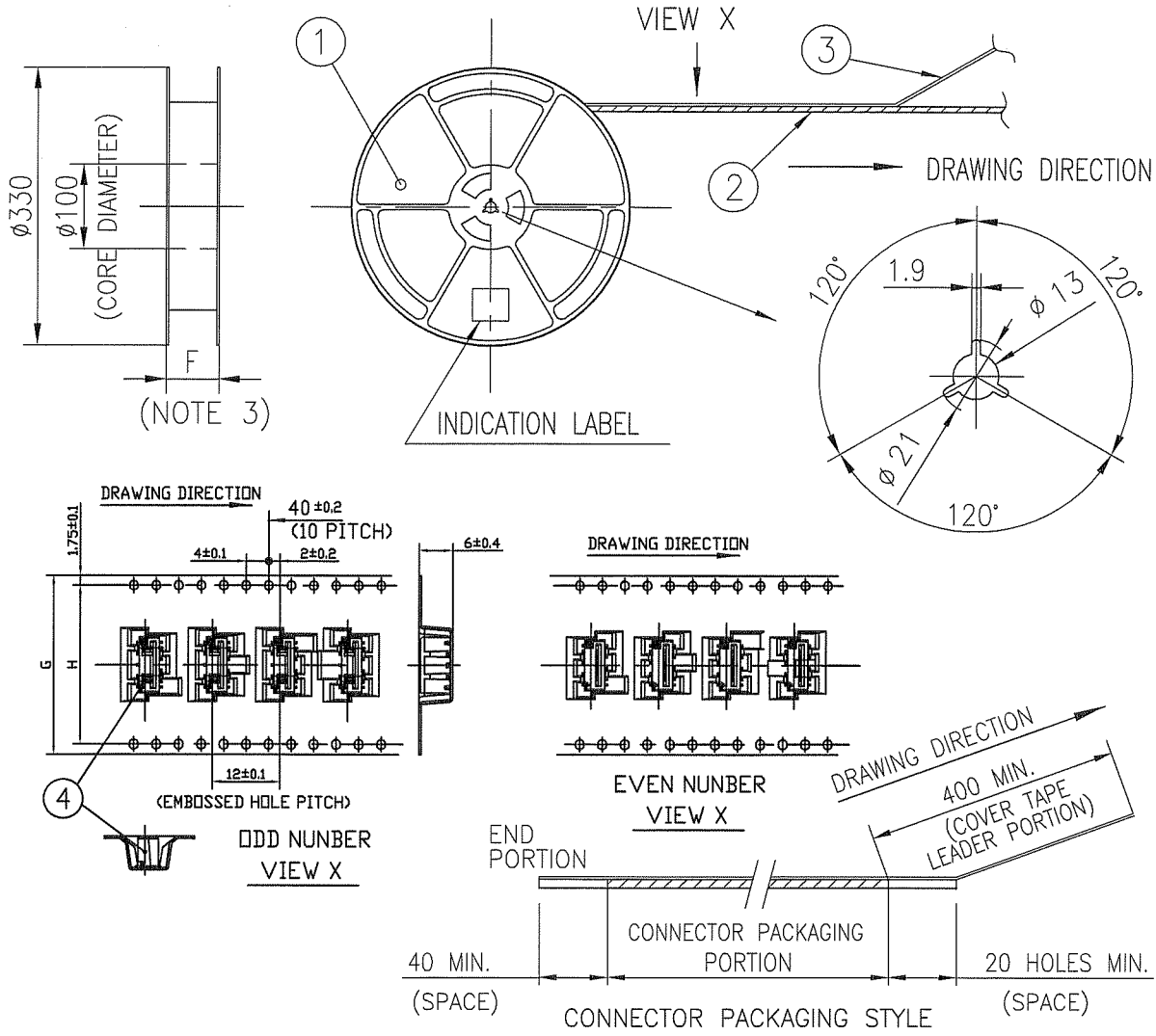
LEAD FREE

NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS F~H.
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 580F		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title			
A	J09-0204	M.Y	2009-5-27	angles	linear	scale X		CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. (CAT.No.HFW__S-2STME9LF)			
				dr	M.YAMASITA	2009-5-27		dwg no		sheet 1 of 1	size
				engr	M.YAMASITA	2009-5-27		JSA 97535			A4
				chr	S. Mitha	2009-5-28		type		Product Customer Drawing	
				appd	S. Chidambaram	2009-5-28					
sheet index	revision	A									Rev. A
	sheet	1									

SC-HFWS07 JSA97530 97536
form: A4



PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	POLYSTYRENE	1	COLOR : WHITE or BLACK
2	PLASTIC (EMBOSS) TAPE	_____	PET	_____	COLOR:TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR:TRANSPARENCY
4	CONNECTOR	HFWS_S-2STM_LF	SEE ATTACHED DWG.	500	_____

NOTES

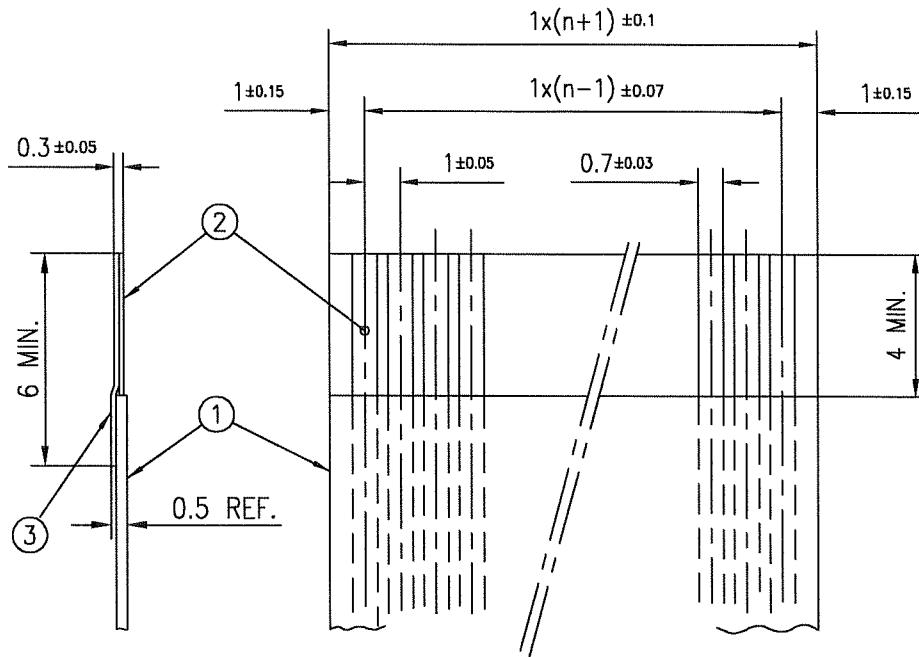
1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
3. F DIMENSION IS PORTION OF THE CORE.

mat'l. code				surface 58 / tolerance ISO 1302 / ISO 406 / ISO 1101		projection		product family 580F		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title			
A	J09-0204	M.Y	2009-5-27	angles	linear	mm		PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CAT.No.HFWS_S-2STM9LF)			
				±5°		scale		dwg no sheet 1 of 1 size			
				dr	engr	FCI		JSA 97536 A4			
				chr	appd			type Product Customer Drawing			
sheet index	revision	A	1	Rev. A							

SC-HFWS07 JSA97530 97535
form: A4

RECOMMENDED CABLE (FFC)

n : NO. OF CONDUCTOR



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 58 / tolerance ISO 1302 ✓ ISO 406 ISO 1101		projection		product family 580F		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title			
AA	J04-0334	H.T	Oct.13,'04	angles linear		mm		RECOMMENDED CABLE			
AB	J06-0435	H.T	10/26/'06			scale X		(CAT.No.HFW__S-2ST__)			
				dr		10/26/'06		dwg no		sheet 1 of 1	
				engr		10/26/'06		JSA 93588		size A4	
				chr		10/24/'06		type		Product Customer Drawing	
				appd		10/27/'06					
sheet index	revision sheet	AB	1							Rev. AB	

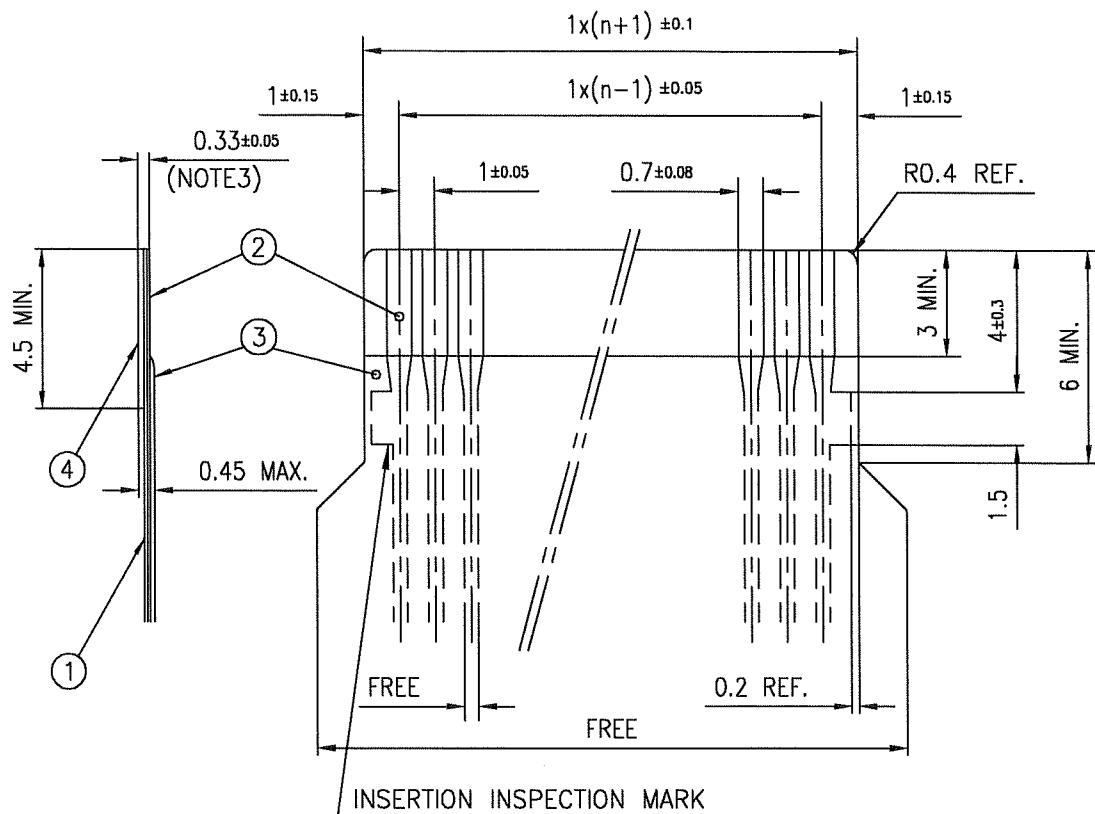
form: A4

1

2

RECOMMENDED CABLE (FPC)

n : NO. OF CONDUCTORS



PT. NO.	DISCRIPTION	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 1302 ✓ / ISO 406 / ISO 1101		projection		product family 580F		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title			
AA	J04-0334	H.T	Oct.13,'04	angles	linear	mm		RECOMMENDED CABLE			
AB	J06-0435	H.T	10/26/'06					(CAT.No.HFW__S-2ST__)			
				dr	10/26/06			dwg no		sheet 1 of 1	size
			engr	10/26/06	JSA 93587			A4			
			chr	10/26/06							
			appd	10/27/06							
sheet index		revision	AB							Rev. AB	