



FCJconnect.com

Copyright FCI.

Configuration of Documents

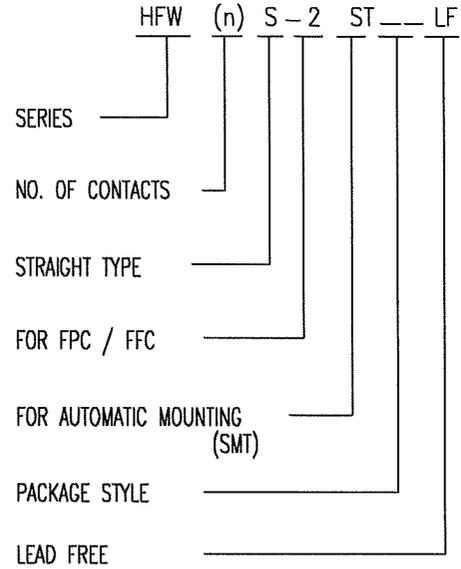
P/N	Documents	No.	Title	CAT.No.
HFWS-2ST(M)E9LF	Specification Connector dwg.	SC-HFWS07	CONNECTOR USED FOR FPC/FPC WITH 1mm CONTACT SPACING COPING WITH AUTOMATION MOUNTING &SMT	HFWS-2ST__LF
		JSA96464	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	HFWS-2ST__LF
		JSA96465	1mm SPACING SURFACE MOUNT FPC/FPC CONNECTOR	HFWS-2ST__LF
		JSA97531	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	HFWS-2STE9LF
		JSA97532	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	HFWS-2STE9LF
		JSA97533	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	HFWS-2STM__LF
		JSA97534	1mm SPACING SURFACE MOUNT FPC/FPC CONNECTOR	HFWS-2STM__LF
		JSA97535	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	HFWS-2STME9LF
		JSA97536	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	HFWS-2STME9LF
		JSA93588	RECOMMENDED CABLE	HFWS-2ST__
JSA93587	RECOMMENDED CABLE	HFWS-2ST__		
HFWS-6ST(M)E9LF	Specification Connector dwg.	SC-HFWS08	CONNECTOR USED FOR CIC WITH 1mm CONTACT SPACING COPING WITH AUTOMATION MOUNTING &SMT	HFWS-6ST__LF
		JSA96468	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	HFWS-6ST__LF
		JSA96469	1mm SPACING SURFACE MOUNT CIC CONNECTOR	HFWS-6ST__LF
		JSA97537	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	HFWS-6STE9LF
		JSA97538	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	HFWS-6STE9LF
		JSA97539	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	HFWS-6STM__LF
		JSA97540	1mm SPACING SURFACE MOUNT CIC CONNECTOR	HFWS-6STM__LF
		JSA97541	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	HFWS-6STME9LF
		JSA97542	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	HFWS-6STME9LF
		JSA93944	RECOMMENDED CABLE	HFWS-6ST__

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				
A	J09-0204	M.Y	2009-5-27	angles	linear	mm		HFWS Documents Configuration (1mm Contact Spacing connector)		
						scale \propto		dwg no sheet 1 of 1 size		
				dr <i>M.YAMASHITA</i> 2009-5-27				JSA97530 A4		
				enr <i>M.YAMASHITA</i> 2009-5-27						
				chr <i>S. Watanabe</i> 2009-5-28						
				appd <i>P. Hada</i> 2009-5-28						
sheet index	revision sheet	A	1	type Product Customer Drawing						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-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.



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.

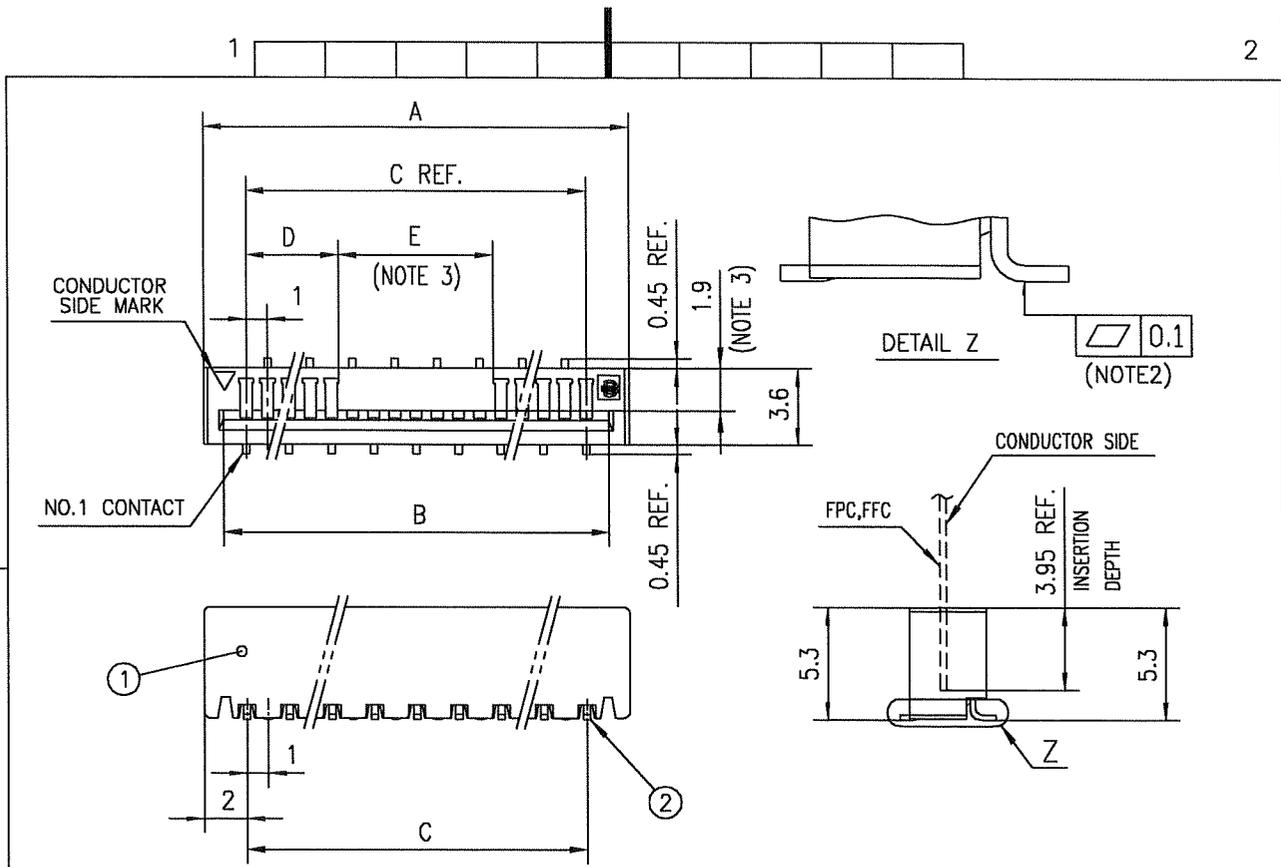


FCIconnect.com

Copyright FCI.

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 CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.No.HFW__S-2ST__LF)			
A	J05-0334	H.T	6/3/05	angles	linear	mm		FCI sheet 1 of 1 size A4 JSA 96464 type Product Customer Drawing			
B	J06-0435	H.T	10/26/06			scale X					
				dr	<i>H. Adar</i>	<i>10/26/06</i>					
				enr	<i>H. Adar</i>	<i>10/26/06</i>					
				chr	<i>K. S. Thang</i>	<i>10/26/06</i>					
				appd	<i>S. Adar</i>	<i>10/27/06</i>					
sheet index	revision B	sheet 1									Rev. B

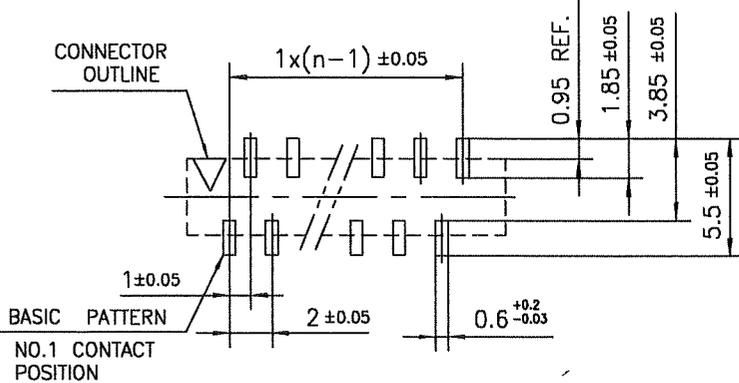
SC-HFWS03 JSA96465,96466,96467,93588,93587 form: A4



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

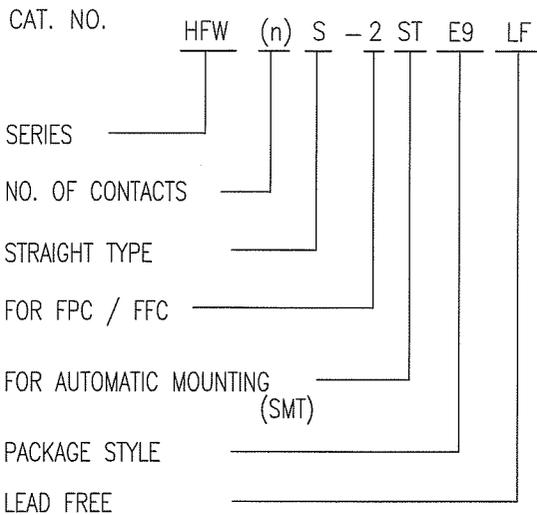
1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS DIMENSION IS SPACE FOR THE NOZZLE OF MOUNTER.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER 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		title 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (CAT.No.HFW__S-2ST__LF)			
A	J05-0334	H.T	6/3/'05	angles		linear		±0.2		scale		X	
B	J05-0731	H.T	10/28/'05	dr		10/26/'06		enrg		10/26/'06		FCA	
C	J06-0435	H.T	10/26/'06	chr		10/26/'06		appd		10/27/'06		sheet 1 of 1	
sheet index		revision sheet		C		1		JSA 96465		A4		type Product Customer Drawing	
												Rev. c	

SC-HFWS03 JSA96464
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-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



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.

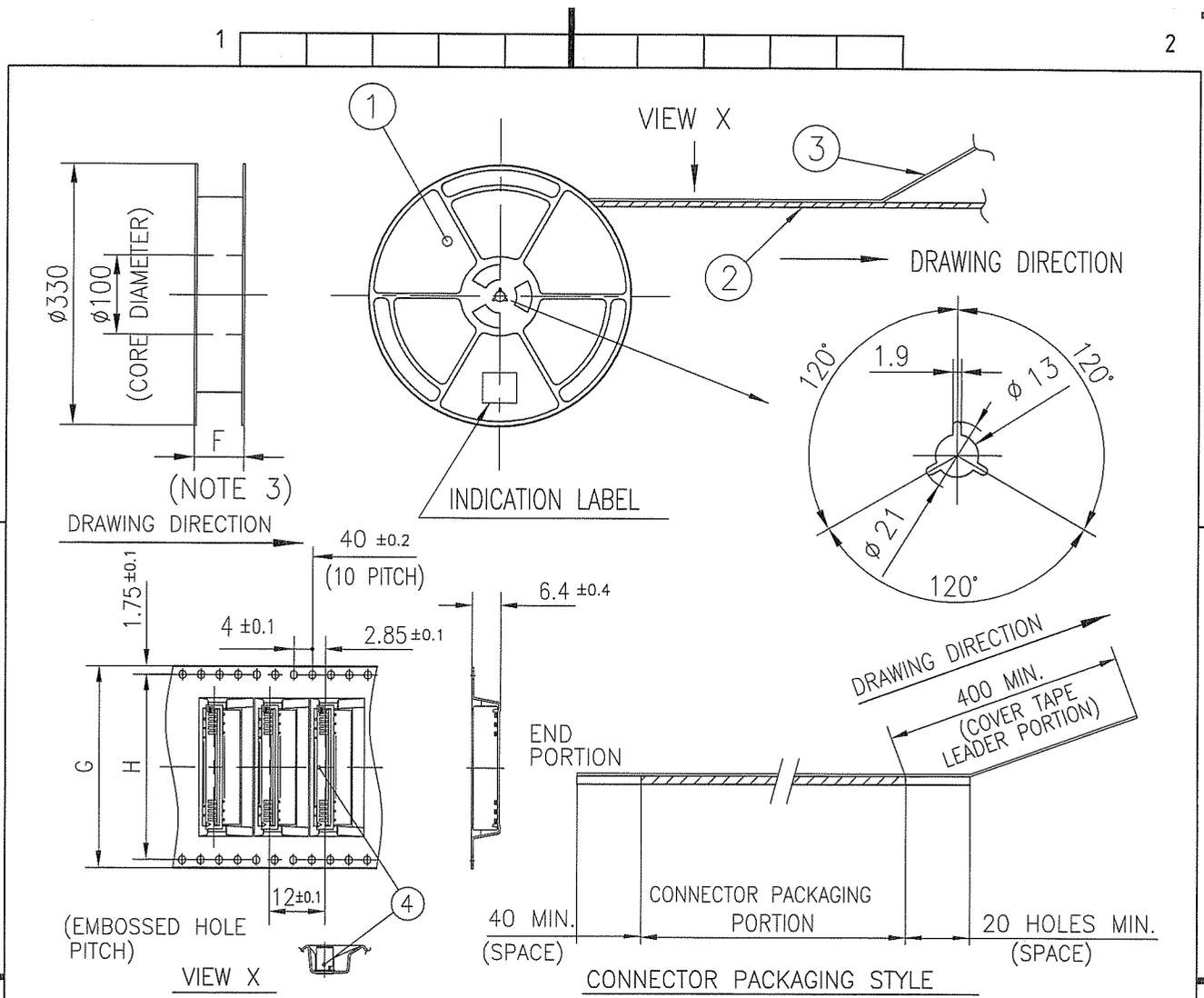


FCIconnect.com

Copyright FCI.

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		size	
A	J09-0204	M.Y	2009-5-27	angles	linear	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. (CAT.No.HFW__S-2STE9LF)		A4	
sheet index		revision A		dr		dwg no		sheet 1 of 1	
				M. YAMASHITA 2009-5-27		JSA 97531			
				engr		type		Product Customer Drawing	
				chr					
				S. Watanabe 2009-5-28					
				appd					
				P. Chudavind 2009-5-28					
								Rev. A	

SC-HFWS07 JSA97530 97532 form: A4



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

- NOTES
- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND COPES 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.
 - 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		title		PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CAT.No.HFW__S-2STE9LF)		
A	J09-0204	M.Y	2009-5-27	angles	linear	mm		dwg no		
				±5°		scale		sheet 1 of 1		
						FCJ		size A4		
				dr	M. YAMASHITA	2009-5-27	type		Product Customer Drawing	
				enr	M. YAMASHITA	2009-5-27	JSA 97532			
				chr	S. Mitani	2009-5-28				
				appd	P. Uedama	2009-5-28				
sheet index	revision sheet	A	1							Rev. A

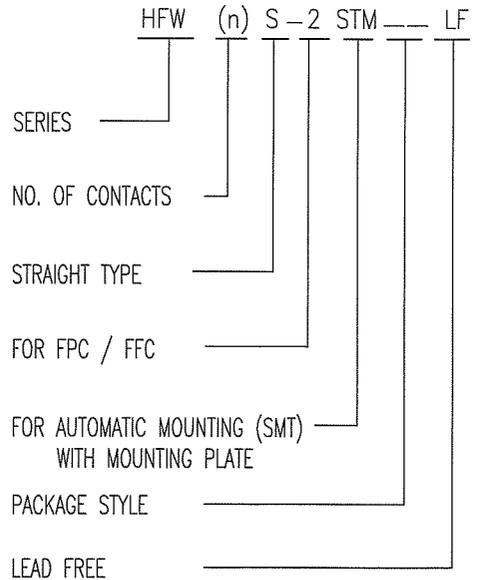
SC-HFWS07 JSA97530 97531 form: A4

Copyright FCI. FCJconnect.com

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	HFWS-2STM__LF	7	5.14	3	—	—
	5	HFWS-2STM__LF	8	6.14	4	—	—
	6	HFWS-2STM__LF	9	7.14	5	—	—
	7	HFWS-2STM__LF	10	8.14	6	—	—
	8	HFWS-2STM__LF	11	9.14	7	—	—
*	9	HFWS-2STM__LF	12	10.14	8	0.35	7.3
*	10	HFWS-2STM__LF	13	11.14	9	0.35	8.3
	11	HFWS-2STM__LF	14	12.14	10	1.35	7.3
*	12	HFWS-2STM__LF	15	13.14	11	1.35	8.3
*	13	HFWS-2STM__LF	16	14.14	12	2.35	7.3
*	14	HFWS-2STM__LF	17	15.14	13	2.35	8.3
*	15	HFWS-2STM__LF	18	16.14	14	3.35	7.3
*	16	HFWS-2STM__LF	19	17.14	15	3.35	8.3
*	17	HFWS-2STM__LF	20	18.14	16	4.35	7.3
*	18	HFWS-2STM__LF	21	19.14	17	4.35	8.3
*	19	HFWS-2STM__LF	22	20.14	18	5.35	7.3
	20	HFWS-2STM__LF	23	21.14	19	5.35	8.3
*	21	HFWS-2STM__LF	24	22.14	20	6.35	7.3
	22	HFWS-2STM__LF	25	23.14	21	6.35	8.3
*	23	HFWS-2STM__LF	26	24.14	22	7.35	7.3
*	24	HFWS-2STM__LF	27	25.14	23	7.35	8.3
*	25	HFWS-2STM__LF	28	26.14	24	8.35	7.3
*	26	HFWS-2STM__LF	29	27.14	25	8.35	8.3
*	27	HFWS-2STM__LF	30	28.14	26	9.35	7.3
*	28	HFWS-2STM__LF	31	29.14	27	9.35	8.3
*	29	HFWS-2STM__LF	32	30.14	28	10.35	7.3
*	30	HFWS-2STM__LF	33	31.14	29	10.35	8.3
*	31	HFWS-2STM__LF	34	32.14	30	11.35	7.3
	32	HFWS-2STM__LF	35	33.14	31	11.35	8.3
*	33	HFWS-2STM__LF	36	34.14	32	12.35	7.3

CAT. NO.



NOTES

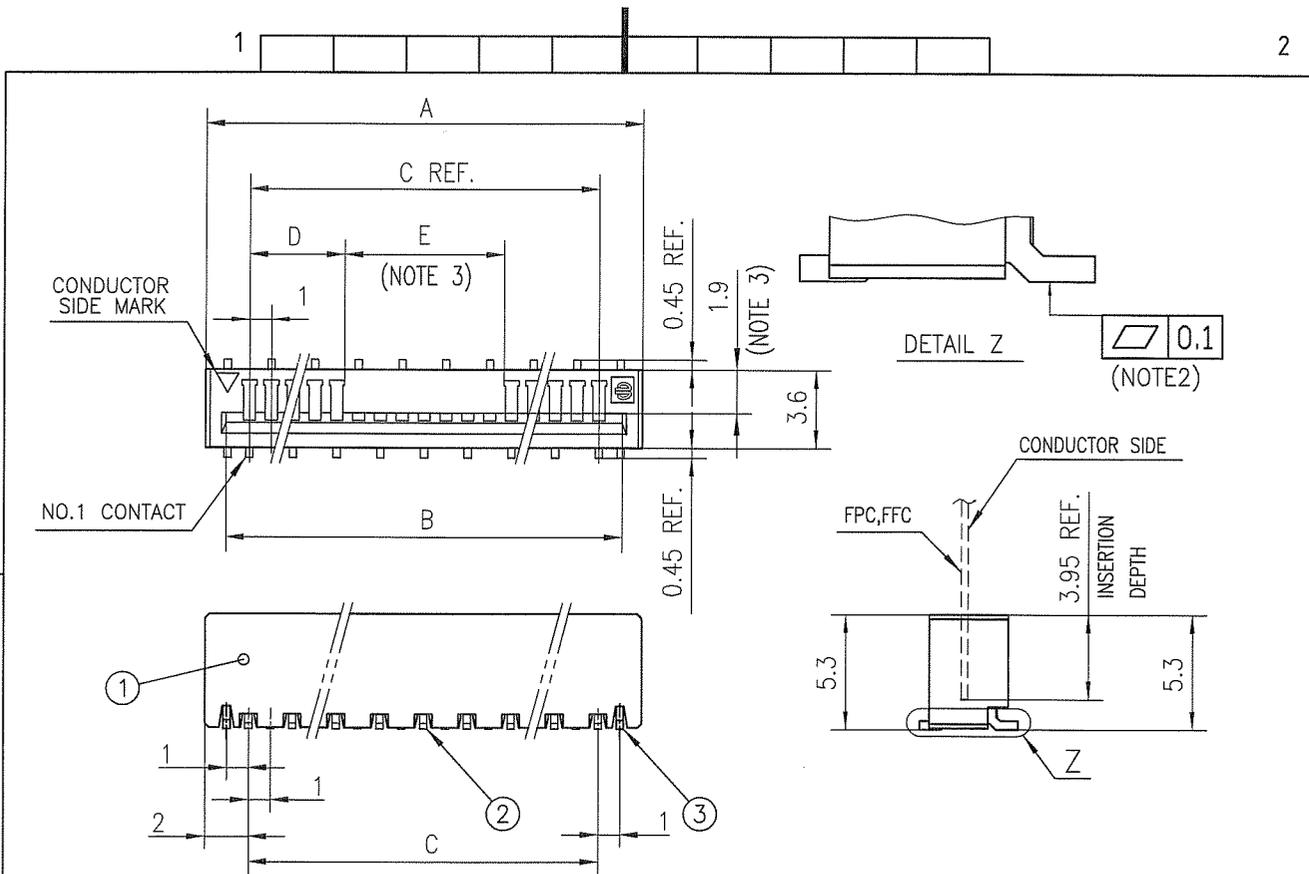
1. THIS PRODUCT IS THE CONNECTOR DSIGNED TO TERMINATE FPC/FFC AND COPEs WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~E.
3. PLEASE CONSULT US IN CASE OF USING PARTS WITH * MARK.



FCIconnect.com

Copyright FCI.

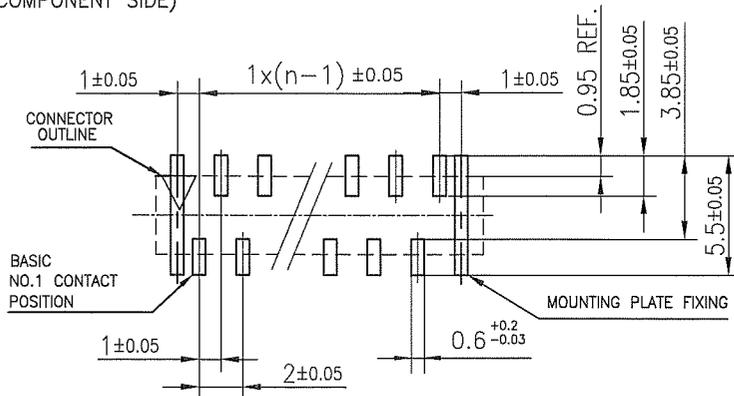
mat'l. code				surface 58 / tolerance ISO 1302 / ISO 406 / ISO 1101		projection		product family 580F		CODE JP		
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.No.HFW__S-2STM__LF)				
A	J09-0204	M.Y	2009-5-27	angles	linear	scale X		dwg no sheet 1 of 1		size A4		
				dr	M.YAMAMOTO	2009-5-27		JSA 97533				
				enr	M.YAMAMOTO	2009-5-27		type Product Customer Drawing				
				chr	S. W. Chiu	2009-5-28						
				appd	S. Anderson	2009-5-28						
sheet index	revision	A	sheet	1								Rev. A



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

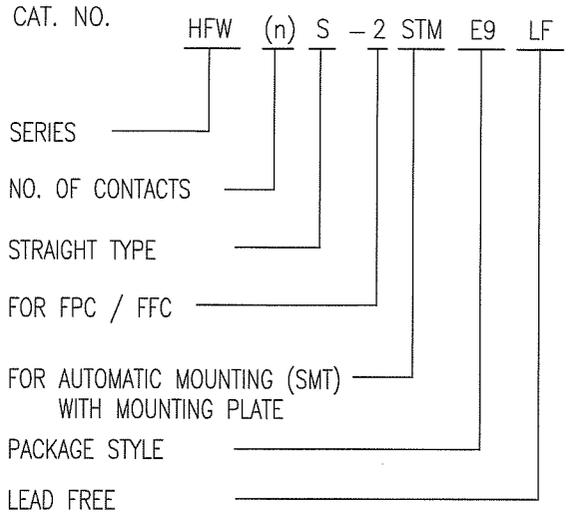
1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS DIMENSION IS SPACE FOR THE NOZZLE OF MOUNTER.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER 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	tolerance ISO 406	projection	product family 580F	CODE JP	
ltr	ecn no	dr	date	ISO 1302	ISO 1101	mm	title 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (CAT.No.HFW__S-2STM__LF)		
A	J09-0204	M.Y	2009-5-27	tolerances unless otherwise specified					
				angles	linear	scale X	dwg no sheet 1 of 1 size		
				dr	M. YAMASHITA	2009-5-27	JSA 97534 A4		
				enr	M. YAMASHITA	2009-5-27	type Product Customer Drawing		
				chr	S. Watanabe	2009-5-28			
				appd	J. Okada	2009-5-28	Rev. A		
sheet index	revision sheet	A	1						

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



NOTES

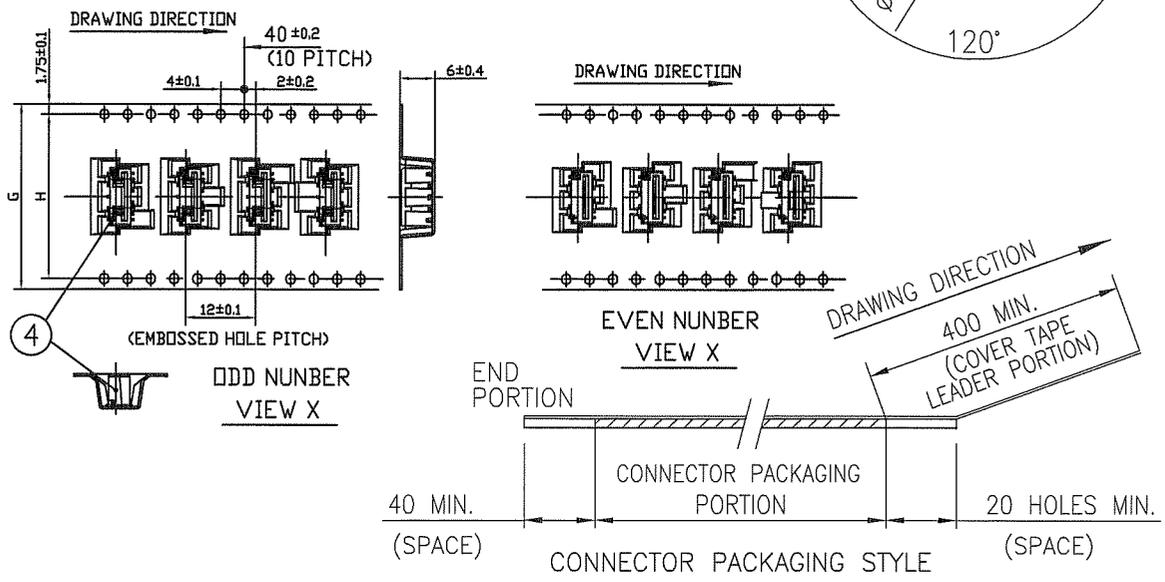
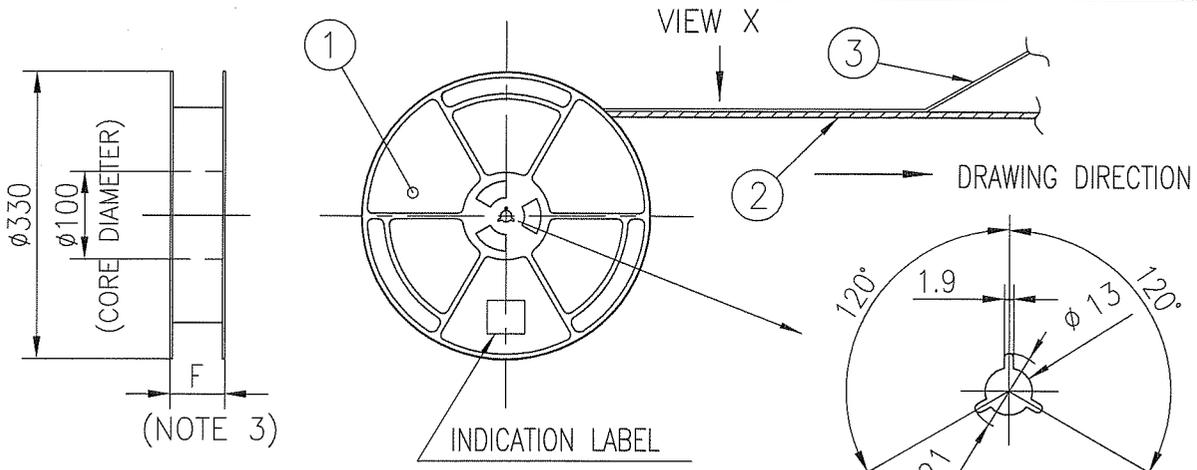
1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS F~H.
4. PLEASE CONSULT US IN CASE OF USING PARTS WITH * MARK.



FCIconnect.com

Copyright FCI.

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	FCI		dwg no		sheet 1 of 1	size
				enr	M.YAMASITA	2009-5-27			JSA 97535		A4	
				chr	S. Mital	2009-5-28			type		Product Customer Drawing	
				appd	S. Chidambaram	2009-5-28						
sheet index	revision	A	1									Rev. A



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

NOTES

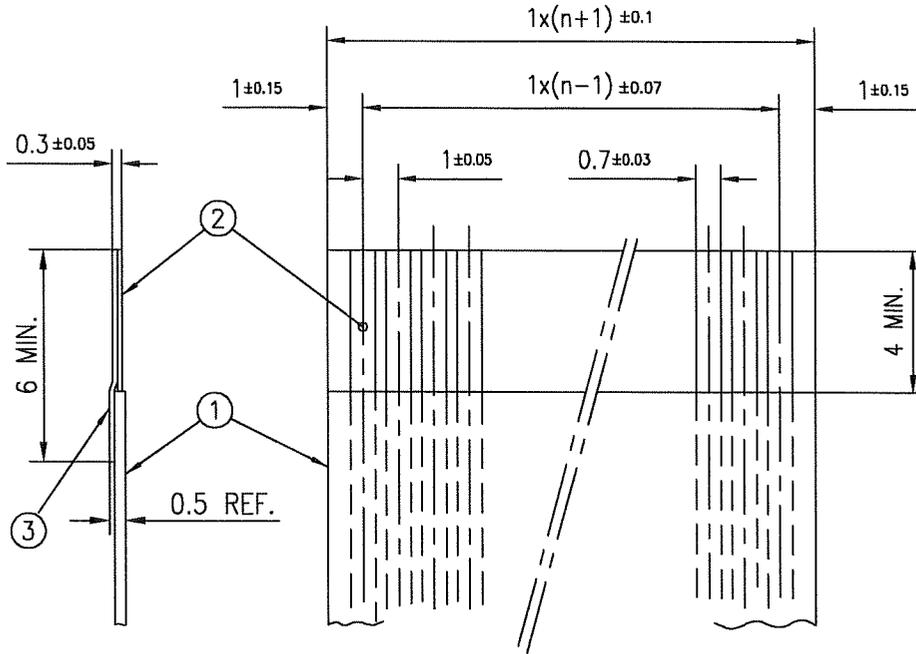
1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSSED) TAPE AND REEL.
3. F DIMENSION IS PORTION OF THE CORE.

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		title		PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CAT.No.HFWS_S-2STM9LF)		
A	J09-0204	M.Y	2009-5-27	angles	linear	mm		dwg no		
				±5°		scale		sheet 1 of 1		
				dr	M.YAMASHITA	2009-5-27	FCI		size	
				enr	M.YAMASHITA	2009-5-27	JSA 97536		A4	
				chr	S. W. H. L.	2009-5-28	type		Product Customer Drawing	
				appd	S. Chidan	2009-5-28	Rev.			
sheet index	revision sheet	A	1							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	_____

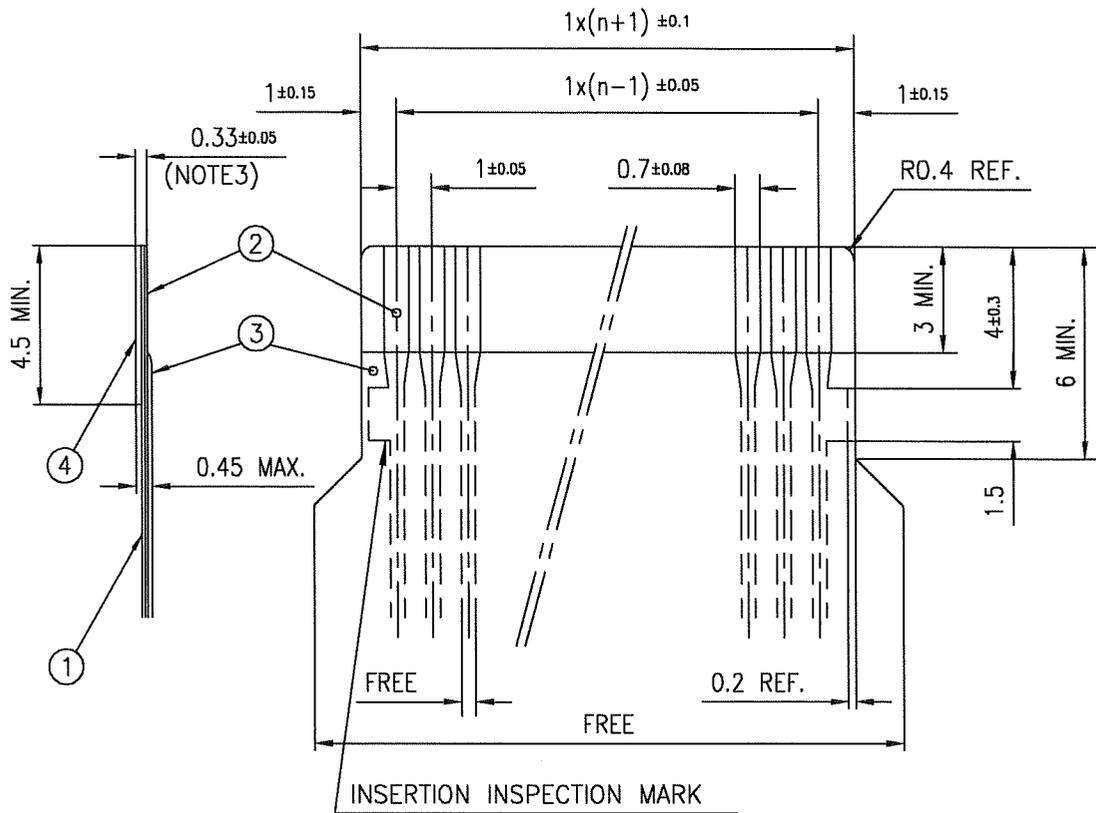
NOTES

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				title				
AA	J04-0334	H.T	Oct.13,'04	angles linear				RECOMMENDED CABLE				
AB	J06-0435	H.T	10/26/'06					(CAT.No.HFW__S-2ST__)				
				dr <i>K. Hoshino</i> 10/26/06				dwg no		sheet 1 of 1		size
				enr <i>K. Hoshino</i> 10/26/06				JSA 93588				A4
				chr <i>R. Shoyji</i> 10/24/06				type		Product Customer Drawing		
				appd <i>S. Madam</i> 10/27/06								
sheet index	revision sheet	AB	1									Rev. AB

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 <input checked="" type="checkbox"/> 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					RECOMMENDED CABLE				
AB	J06-0435	H.T	10/26/'06	angles	linear	mm		(CAT.No.HFW__S-2ST__)				
						scale \times		dwg no sheet 1 of 1 size				
								JSA 93587 A4				
				dr <i>H. Hoshino</i> 10/26/06				type Product Customer Drawing				
				enr <i>H. Hoshino</i> 10/26/06								
				chr <i>R. Shouji</i> 10/26/06								
				appd <i>S. Hoshino</i> 10/27/06								
sheet index	revision sheet	AB	1									Rev. AB