

Configuration of Documents

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 HFW_S Documents Configuration (1mm Contact Spacing connector)			
A	J05-0334	H.T	6/3/'05	angles		linear		scale $\propto$							
B	J06-0435	H.T	10/26/'06							dwg no sheet 1 of 1 size JSA96472 A4					
C	J07-0481	H.T	2007-9-26												
D	J07-0502	H.T	2007-10-10	dr	2007-10-10						type Product Customer Drawing				
				enr	2007-10-10										
				chr	2007-10-10						Rev. D				
				appd	2007-10-10										
sheet index	revision sheet	D	1												

form: A4

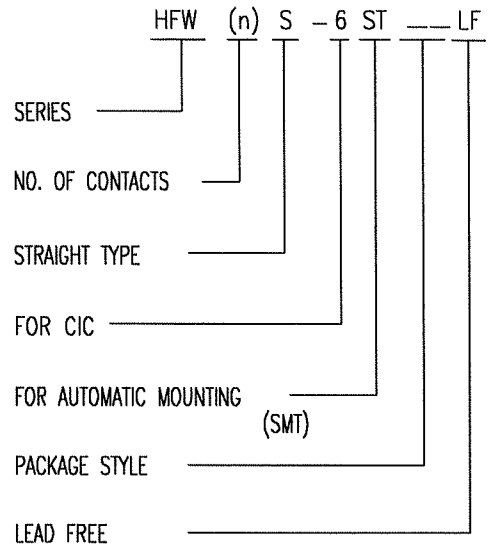
1

2

CAT. NO. & DIMENSIONS

(NOTE3)	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-6ST__LF	7	5.14	3	—	—
	5	HFW5S-6ST__LF	8	6.14	4	—	—
	6	HFW6S-6ST__LF	9	7.14	5	—	—
	7	HFW7S-6ST__LF	10	8.14	6	—	—
	8	HFW8S-6ST__LF	11	9.14	7	—	—
	9	HFW9S-6ST__LF	12	10.14	8	0.35	7.3
	10	HFW10S-6ST__LF	13	11.14	9	0.35	8.3
	11	HFW11S-6ST__LF	14	12.14	10	1.35	7.3
	12	HFW12S-6ST__LF	15	13.14	11	1.35	8.3
	13	HFW13S-6ST__LF	16	14.14	12	2.35	7.3
	14	HFW14S-6ST__LF	17	15.14	13	2.35	8.3
	15	HFW15S-6ST__LF	18	16.14	14	3.35	7.3
	16	HFW16S-6ST__LF	19	17.14	15	3.35	8.3
	17	HFW17S-6ST__LF	20	18.14	16	4.35	7.3
	18	HFW18S-6ST__LF	21	19.14	17	4.35	8.3
	19	HFW19S-6ST__LF	22	20.14	18	5.35	7.3
	20	HFW20S-6ST__LF	23	21.14	19	5.35	8.3
	21	HFW21S-6ST__LF	24	22.14	20	6.35	7.3
	22	HFW22S-6ST__LF	25	23.14	21	6.35	8.3
	23	HFW23S-6ST__LF	26	24.14	22	7.35	7.3
	24	HFW24S-6ST__LF	27	25.14	23	7.35	8.3
	25	HFW25S-6ST__LF	28	26.14	24	8.35	7.3
	26	HFW26S-6ST__LF	29	27.14	25	8.35	8.3
	27	HFW27S-6ST__LF	30	28.14	26	9.35	7.3
	28	HFW28S-6ST__LF	31	29.14	27	9.35	8.3
	29	HFW29S-6ST__LF	32	30.14	28	10.35	7.3
	30	HFW30S-6ST__LF	33	31.14	29	10.35	8.3
*	31	HFW31S-6ST__LF	34	32.14	30	11.35	7.3
	32	HFW32S-6ST__LF	35	33.14	31	11.35	8.3
*	33	HFW33S-6ST__LF	36	34.14	32	12.35	7.3

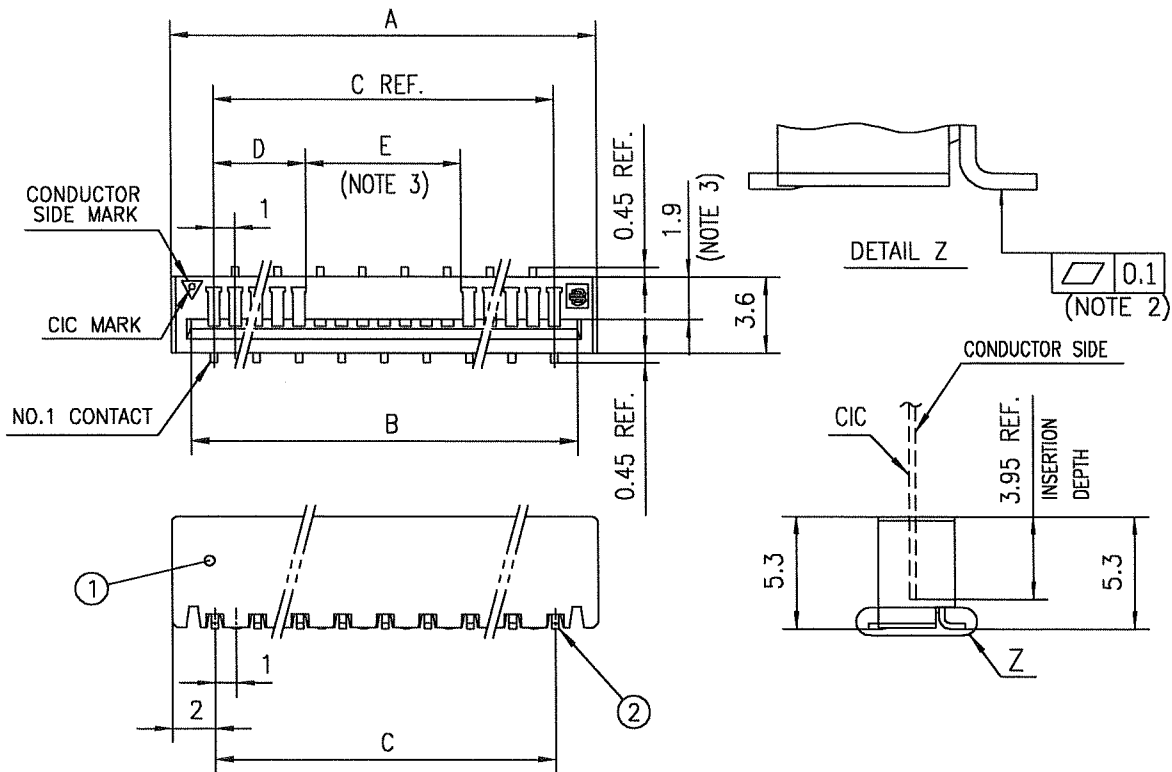
CAT. NO.



NOTES

- THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE CIC AND COPE WITH AUTOMATIC MOUNTING (SMT).
- SEE PART DRAWINGS FOR DIMENSIONS A~E.
- PLEASE CONSULT US IN CASE OF USING PARTS WITH * MARK.

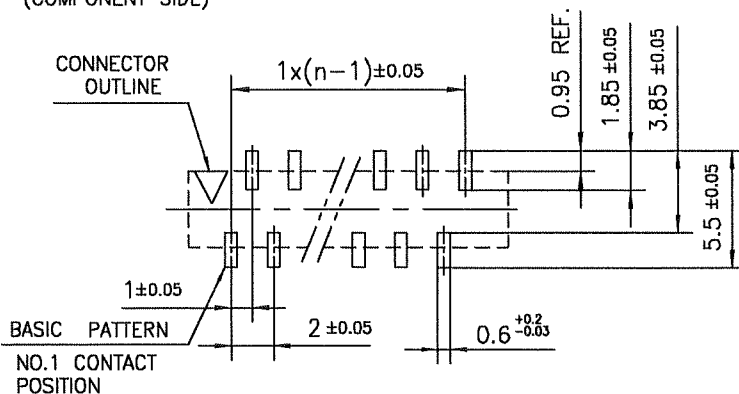
mat'l. code				surface 58 / tolerance ISO 1302 406 / ISO 1101		projection		product family 580F		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.No.HFW__S-6ST__LF)			
A	J05-0334	H.T	6/3/'05	angles	linear	mm					
B	J06-0435	H.T	10/26/'06			scale X		dwg no sheet 1 of 1 size JSA 96468 A4			
				dr	engr	chr	appd				
								type Product Customer Drawing			
sheet index	revision	B	1					Rev. B			



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

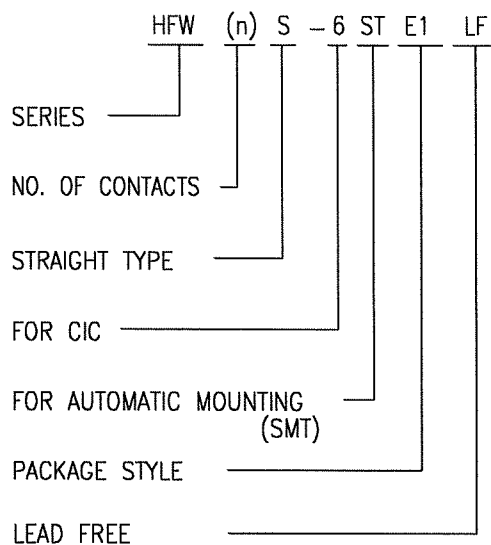
1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE CIC AND COPS WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS DIMENSION IS SPACE FOR THE NOZZLE OF MOUNTER.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY 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.

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	J05-0334	H.T	6/3/05	angles linear		mm		1mm SPACING SURFACE MOUNT CIC CONNECTOR (CAT.No.HFW__S-6ST__LF)			
B	J05-0731	H.T	10/28/05			scale X		dwg no sheet 1 of 1 size			
C	J06-0435	H.T	10/26/06					JSA 96469 A4			
				dr		10/26/06		type Product Customer Drawing			
				engr		10/26/06					
				chr		10/26/06					
				appd		10/27/06					
sheet index		revision C								Rev. C	
sheet 1											

CAT. NO. & DIMENSIONS

(NOTE4)	NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
			F ± 5	G ±0.3	H ±0.1
	4	HFW4S-6STE1LF	28.4	24	—
	5	HFW5S-6STE1LF	28.4	24	—
	6	HFW6S-6STE1LF	28.4	24	—
	7	HFW7S-6STE1LF	28.4	24	—
	8	HFW8S-6STE1LF	28.4	24	—
	9	HFW9S-6STE1LF	28.4	24	—
	10	HFW10S-6STE1LF	28.4	24	—
	11	HFW11S-6STE1LF	28.4	24	—
	12	HFW12S-6STE1LF	28.4	24	—
	13	HFW13S-6STE1LF	28.4	24	—
	14	HFW14S-6STE1LF	36.4	32	28.4
	15	HFW15S-6STE1LF	36.4	32	28.4
	16	HFW16S-6STE1LF	36.4	32	28.4
	17	HFW17S-6STE1LF	36.4	32	28.4
	18	HFW18S-6STE1LF	48.4	44	40.4
	19	HFW19S-6STE1LF	48.4	44	40.4
	20	HFW20S-6STE1LF	48.4	44	40.4
	21	HFW21S-6STE1LF	48.4	44	40.4
	22	HFW22S-6STE1LF	48.4	44	40.4
	23	HFW23S-6STE1LF	48.4	44	40.4
	24	HFW24S-6STE1LF	48.4	44	40.4
	25	HFW25S-6STE1LF	48.4	44	40.4
	26	HFW26S-6STE1LF	48.4	44	40.4
	27	HFW27S-6STE1LF	48.4	44	40.4
	28	HFW28S-6STE1LF	48.4	44	40.4
	29	HFW29S-6STE1LF	60.4	56	52.4
	30	HFW30S-6STE1LF	60.4	56	52.4
*	31	HFW31S-6STE1LF	60.4	56	52.4
	32	HFW32S-6STE1LF	60.4	56	52.4
*	33	HFW33S-6STE1LF	60.4	56	52.4

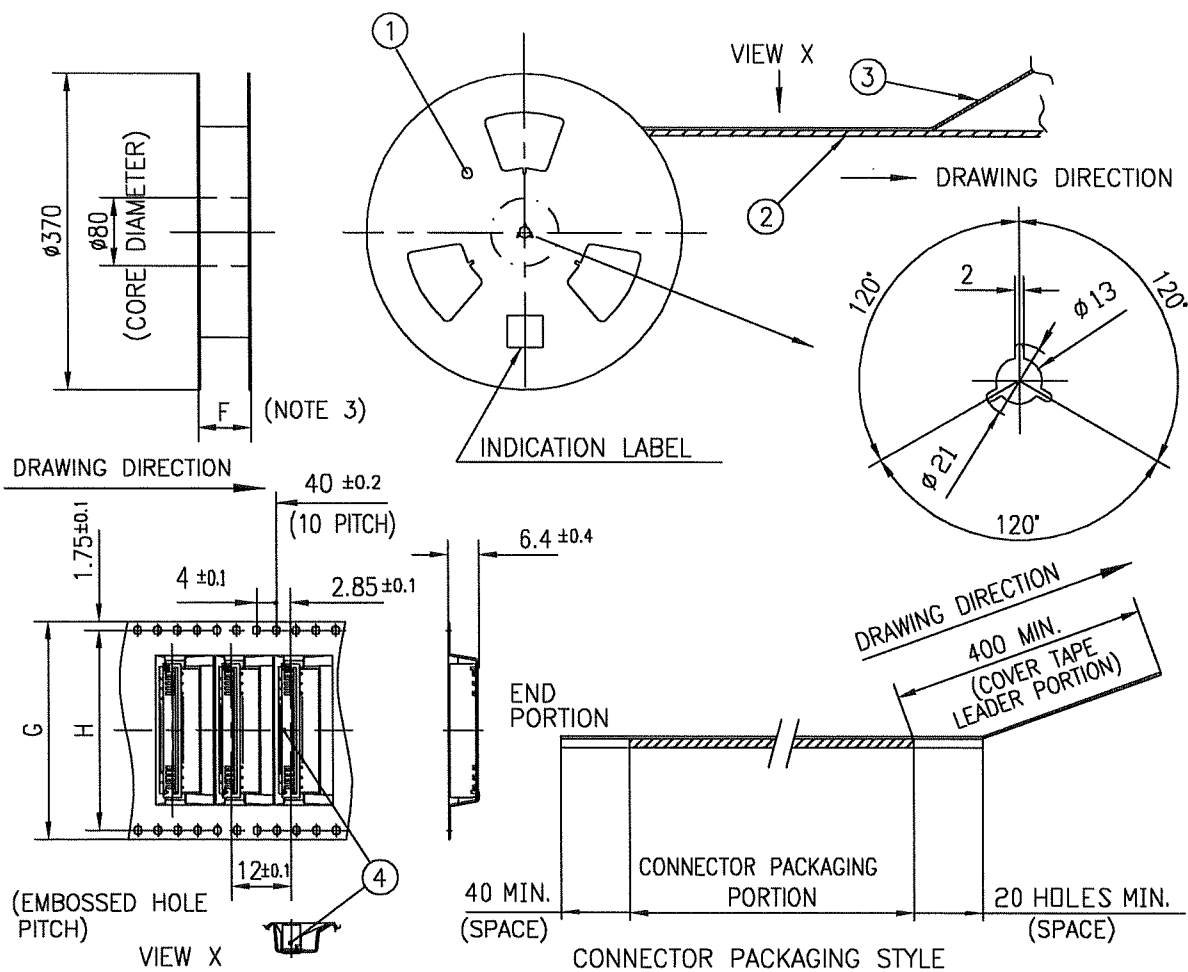
CAT. NO.



NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE CIC AND COPE WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS F~G.
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	J05-0334	H.T	6/3/'05	angles linear		mm		CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. (CAT.No. HFW__S-6STE1LF)			
B	J06-0435	H.T	10/26/'06			scale X		dwg no sheet 1 of 1 size			
				dr		FCI		JSA 96470 A4			
				engr				type Product Customer Drawing			
				chr							
				appd							
sheet index	revision	B	1					Rev. B			



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

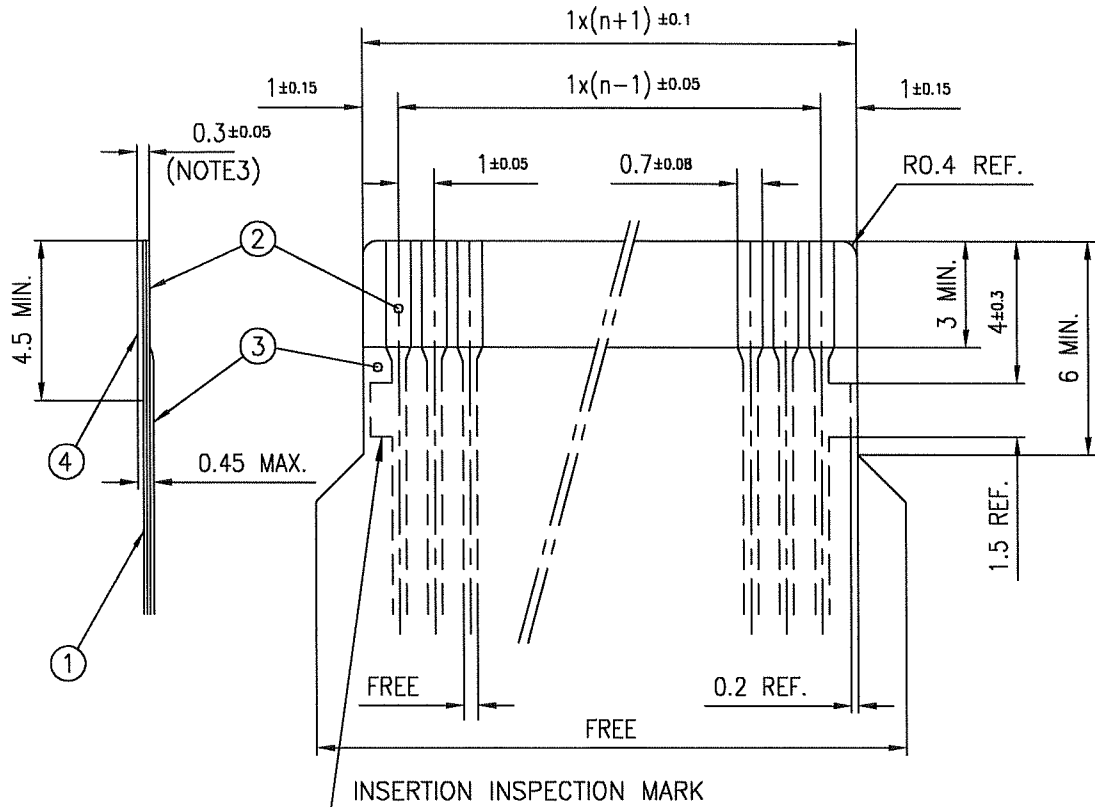
NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR CIC 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 / tolerance ISO 1302 ✓ / ISO 406 / ISO 1101		projection		product family 580F		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CAT.No.HFW__S-6STE1LF)			
A	J05-0334	H.T	6/3/'05	angles	linear	mm					
B	J06-0435	H.T	10/26/'06	±5°		scale X					
				dr	10/26/'06						
				engr	10/26/'06						
				chr	10/26/'06			dwg no		sheet 1 of 1	size
				appd	10/27/'06			JSA 96471			A4
sheet index		revision B						type Product Customer Drawing			
		sheet 1								Rev. B	

RECOMMENDED CABLE (CIC)

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

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 RECOMMENDED CABLE (CAT.No.HFW__S-6ST__)			
AA	J04-0334	H.T	Oct.13,'04	angles	linear	mm					
AB	J06-0435	H.T	10/26/'06			scale $\propto$		dwg no sheet 1 of 1 size JSA 93944 A4			
				dr	engr	chr	appd				
sheet index	revision sheet	AB	1								Rev. AB