

Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)
[HFW10S-2STE5LF](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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List of "HFW__S-2STE5LF" customer document

DOCUMENT NO.	LIST
SC-HFWS03	SPEC.
10117318 Sheet2	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR (HFW__S-2STLF)
10117318 Sheet3	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (HFW__S-2STLF)
10117318 Sheet4	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. (HFW__S-2STE5LF)
10117318 Sheet5	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (HFW__S-2STE5LF)
10117318 Sheet6	RECOMMENDED CABLE (FPC) (HFW__S-2ST_)
10117318 Sheet7	RECOMMENDED CABLE (FFC) (HFW__S-2ST_)

mat'l. code				surface ISO 1302 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection 		product family 580F		CODE JP	
ltr		ecn no		dr		date		tolerances, unless otherwise specified		title 1mm SPACING FPC CONNECTOR DOCUMENT LIST (Cat. No. : HFW__S-2STE5LF)			
A		J11-0041		S.W		2011-2-9		angles		mm		scale	
								linear				X	
				dr		2011-2-9		engr		sheet 1 of 7		size	
				chr		2011-2-10		appd		10117318		A4	
sheet index		revision sheet		A		A		A		type		Product Customer Drawing	
1		2		3		4		5		6		7	
												Rev. A	

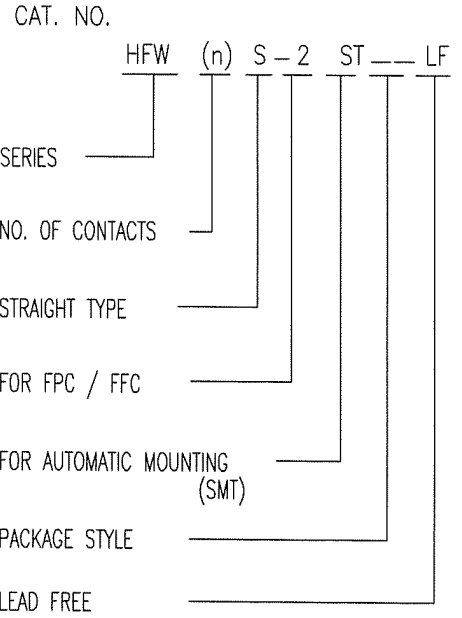
D

D



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

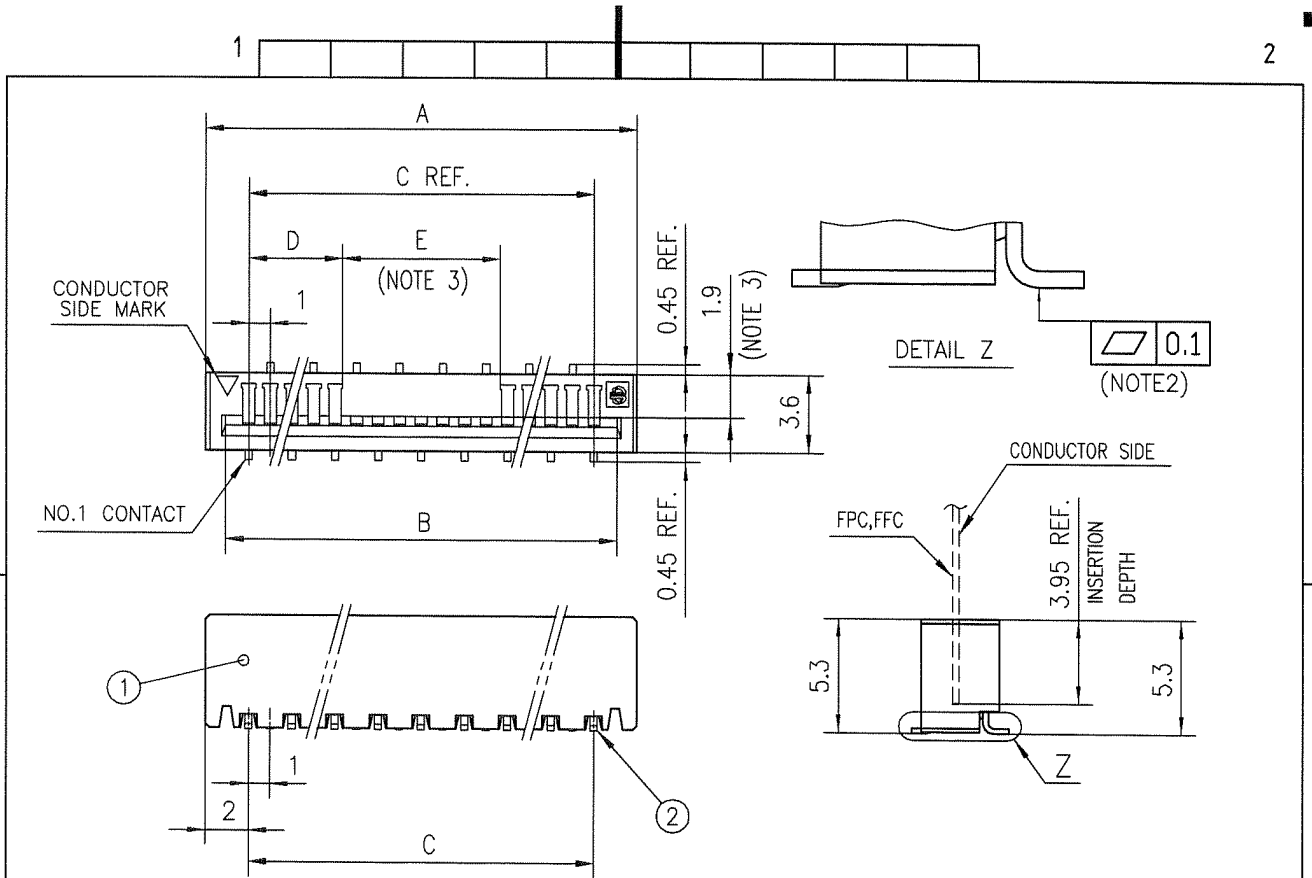


- NOTES
1. THIS PRODUCT IS THE CONNECTOR DSIGNED TO TERMINATE FPC/FFC AND COPEs WITH AUTOMATIC MOUNTING (SMT).
 2. SEE PART DRAWINGS FOR DIMENSIONS A~E.
 3. PLEASE CONSULT US IN CASE OF USING PARTS WITH * MARK.



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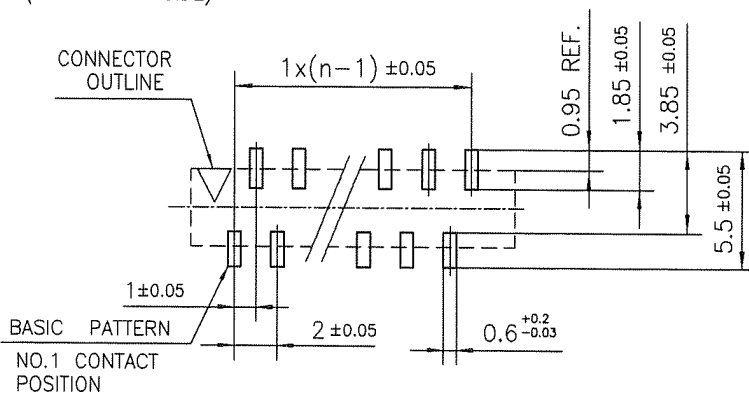
mat'l. code				surface 58 / tolerance ISO 1302 / ISO 406 / ISO 1101		projection		product family 580F		CODE JP	
ltr				tolerances unless otherwise specified		mm		title CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.No.HFW__S-2ST__LF)			
ecn no				angles linear		scale X		dwg no 10117318			
dr				dr		FCI		sheet 2 of 7			
date				engr				size A4			
				chr				type Product Customer Drawing			
				appd				Rev. A			
sheet index		revision sheet									



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)



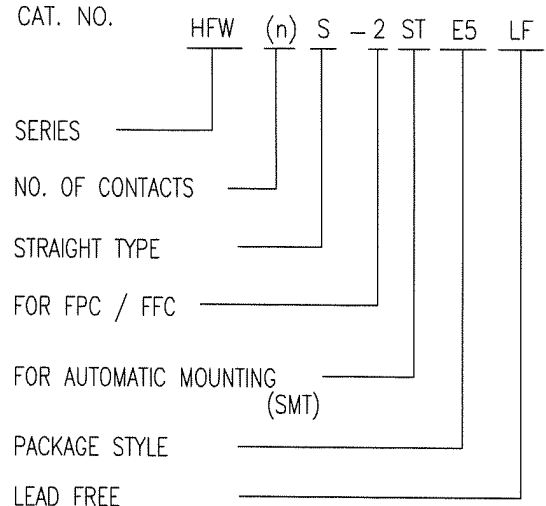
NOTES

1. THIS PRODUCT IS THE CONNECTOR DSIGNED 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 1302 / ISO 406 / ISO 1101		projection		product family 580F		CODE JP	
ltr		ecn no		dr		date		tolerances unless otherwise specified	
A								±0.2	
				angles		linear		mm	
								scale X	
		dr		S. Withler		2011-2-9		dwg no	
		enr		S. Withler		2011-2-9		sheet 3 of 7	
		chr		Y. Kamada		2011-2-10		10117318	
		appd		M. Cam...		Feb 10/11		size A4	
sheet index		revision sheet						type Product Customer Drawing	
D								Rev. A	

CAT. NO. & DIMENSIONS

(NOTE.4)	NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
			F ± 5	G ± 0.3	H ± 0.1
	4	HFW4S-2STE5LF	28.4	24	—
	5	HFW5S-2STE5LF	28.4	24	—
	6	HFW6S-2STE5LF	28.4	24	—
	7	HFW7S-2STE5LF	28.4	24	—
	8	HFW8S-2STE5LF	28.4	24	—
	9	HFW9S-2STE5LF	28.4	24	—
	10	HFW10S-2STE5LF	28.4	24	—
	11	HFW11S-2STE5LF	28.4	24	—
	12	HFW12S-2STE5LF	28.4	24	—
	13	HFW13S-2STE5LF	28.4	24	—
	14	HFW14S-2STE5LF	36.4	32	28.4
	15	HFW15S-2STE5LF	36.4	32	28.4
	16	HFW16S-2STE5LF	36.4	32	28.4
	17	HFW17S-2STE5LF	36.4	32	28.4
	18	HFW18S-2STE5LF	48.4	44	40.4
	19	HFW19S-2STE5LF	48.4	44	40.4
	20	HFW20S-2STE5LF	48.4	44	40.4
	21	HFW21S-2STE5LF	48.4	44	40.4
	22	HFW22S-2STE5LF	48.4	44	40.4
	23	HFW23S-2STE5LF	48.4	44	40.4
	24	HFW24S-2STE5LF	48.4	44	40.4
	25	HFW25S-2STE5LF	48.4	44	40.4
	26	HFW26S-2STE5LF	48.4	44	40.4
	27	HFW27S-2STE5LF	48.4	44	40.4
	28	HFW28S-2STE5LF	48.4	44	40.4
	29	HFW29S-2STE5LF	60.4	56	52.4
	30	HFW30S-2STE5LF	60.4	56	52.4
*	31	HFW31S-2STE5LF	60.4	56	52.4
	32	HFW32S-2STE5LF	60.4	56	52.4
*	33	HFW33S-2STE5LF	60.4	56	52.4



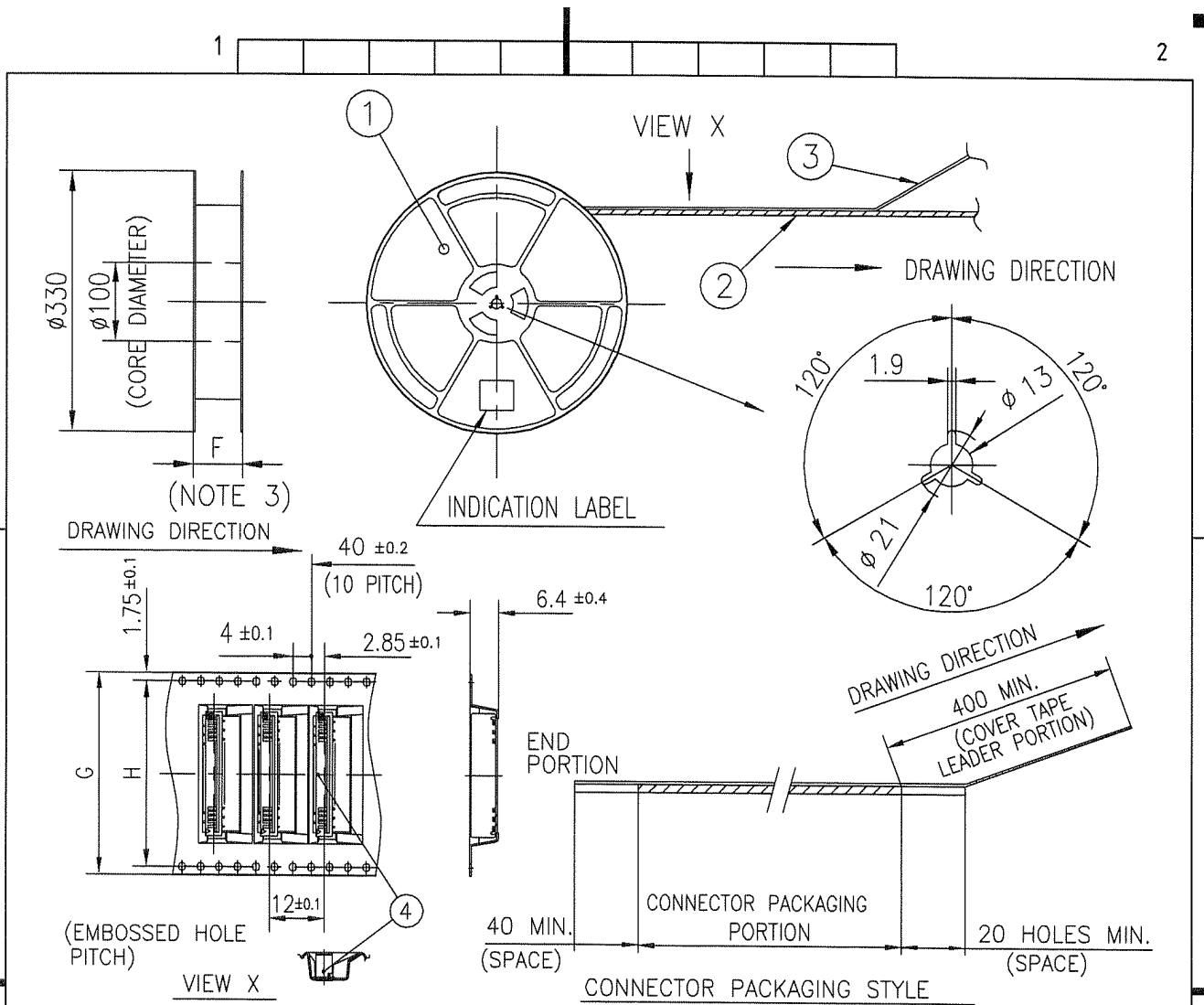
NOTES

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.



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mat'l. code				surface 58 ✓ ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family 580F		CODE JP	
ltr				ecn no		dr		date		title CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. (CAT.No.HFW__S-2STE5LF)		dwg no	
A										sheet 4 of 7		size	
				angles		linear		mm		scale X		10117318	
				dr		S. Hatake 2011-2-9		FCI		sheet 4 of 7		A4	
				enr		S. Hatake 2011-2-9				type		Product Customer Drawing	
				chr		Y. Kamada 2011-2-10				Rev.		A	
				appd		M. Kimura Feb 10/11				Rev.		A	
sheet index				revision sheet									



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.	900	_____

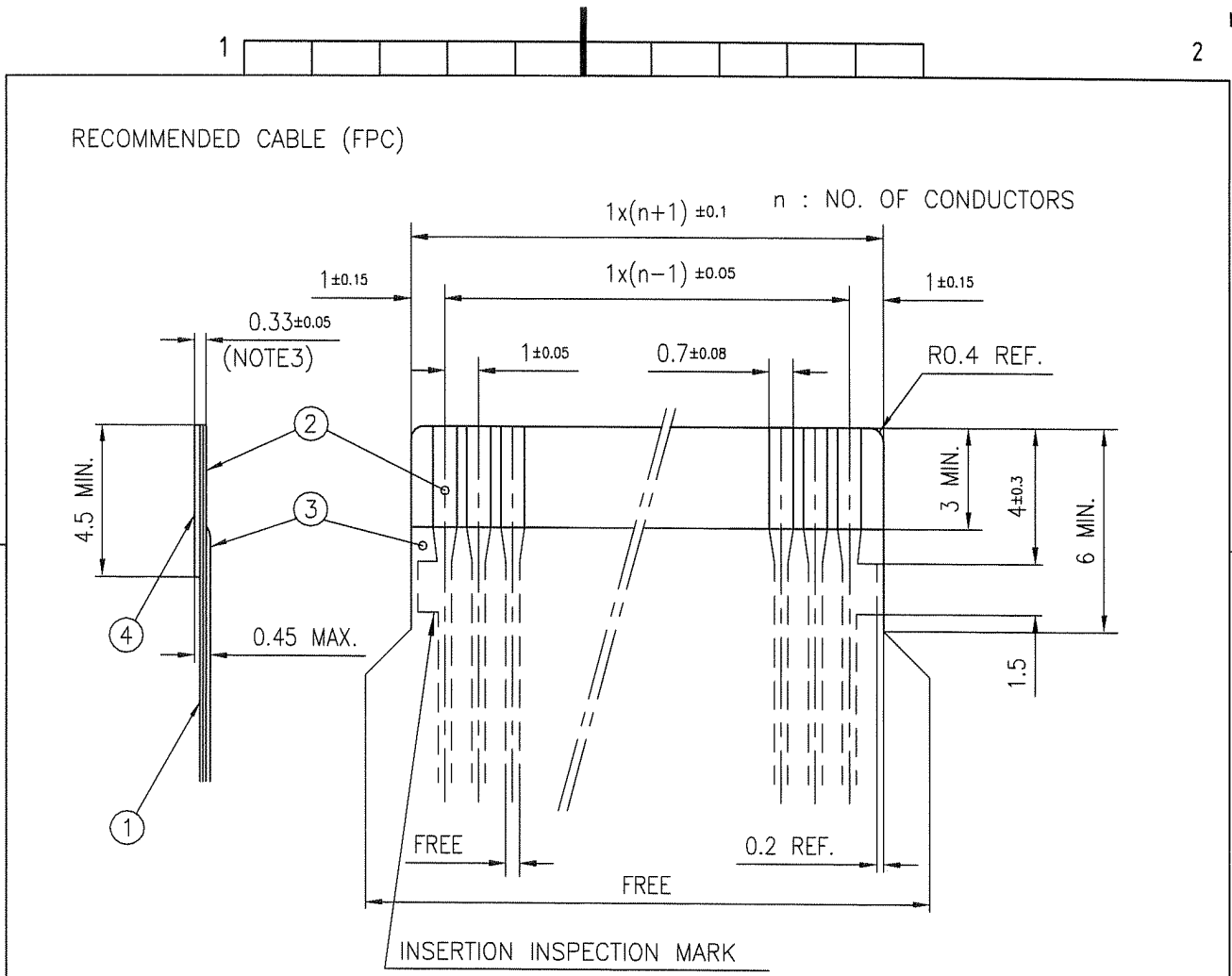
NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND COPER 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 ISO 1302	tolerance 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-2STE5LF)	
A				angles linear ±5	dwg no sheet 5 of 7	
				±5'	size A4	
				dr S. Nishida 2011-2-9	type Product Customer Drawing	
				enr S. Nishida 2011-2-9	10117318	
				chr Y. Kamada 2011-2-10	Rev. A	
				appd M. Nishida Feb 10/11	D	
sheet index	revision sheet					

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PT. NO.	DISCRIPTION	MATERIAL	THICKNESS (um)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUIVALENT	25
2	CONDUCTOR	COPPER FOIL(PLATING : TIN or SOLDER 1um MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUIVALENT	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUIVALENT	188

NOTES

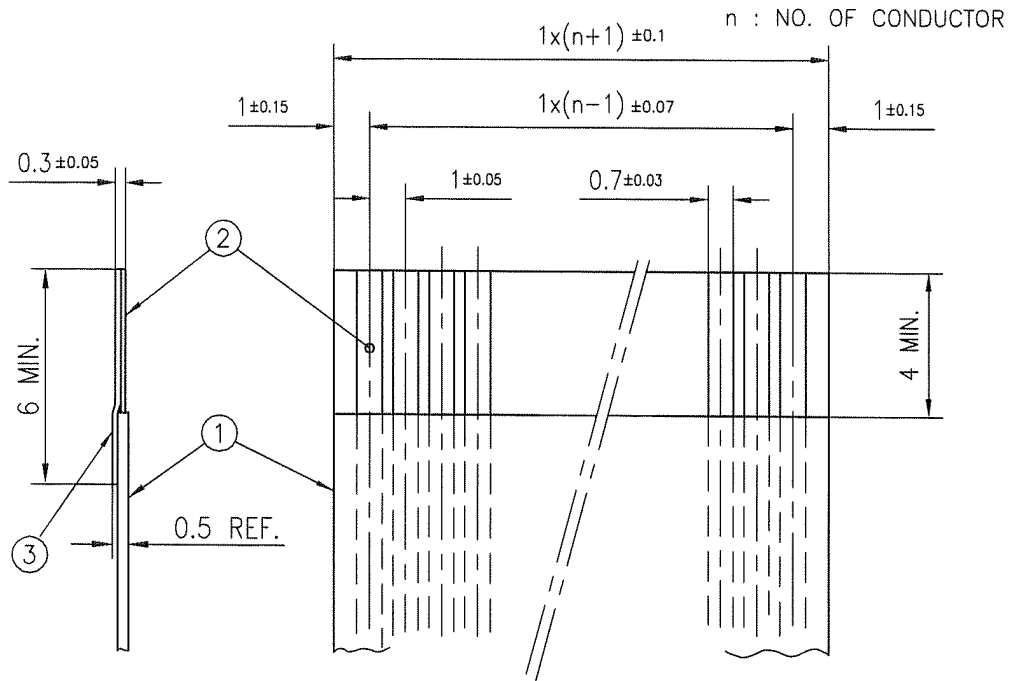
1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.

mat'l. code				surface 58 ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family 580F	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm 	title RECOMMENDED CABLE (CAT.No.HFW__S-2ST__)	
A				angles	linear		scale X	dwg no sheet 6 of 7 size 10117318 A4
				dr	S. Mithal	2011-2-9	type Product Customer Drawing	
				enr	S. Mithal	2011-2-9	Rev. A	
				chr	N. Karmada	2011-2-10		
				appd	M. Karmada	Feb 10/11		
sheet index	revision sheet							



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RECOMMENDED CABLE (FFC)



PT. NO.	DESCRIPTION	MATERIAL	NOTE
1	INSULATOR	FLAME RESISTING POLYESTER OR EQUIVALENT	_____
2	CONDUCTOR	COPPER FOIL	PLATING:TIN OR SOLDER 1um 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 ✓ ISO 1302		tolerance ISO 406 ISO 1101		projection ⊕		product family 580F		CODE JP			
ltr				ecn no				dr				date			
A															
				angles				linear				mm			
												scale X			
				dr				S. Withal				2011-2-9			
				engr				S. Withal				2011-2-9			
				chr				Y. Kannada				2011-2-10			
				appd				M. Kim				Feb 10/11			
sheet index				revision sheet								dwg no 10117318			
												sheet 7 of 7			
												size A4			
												type Product Customer Drawing			
												Rev. A			



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