

List of "HFW__S-2STAE1HLF" customer document

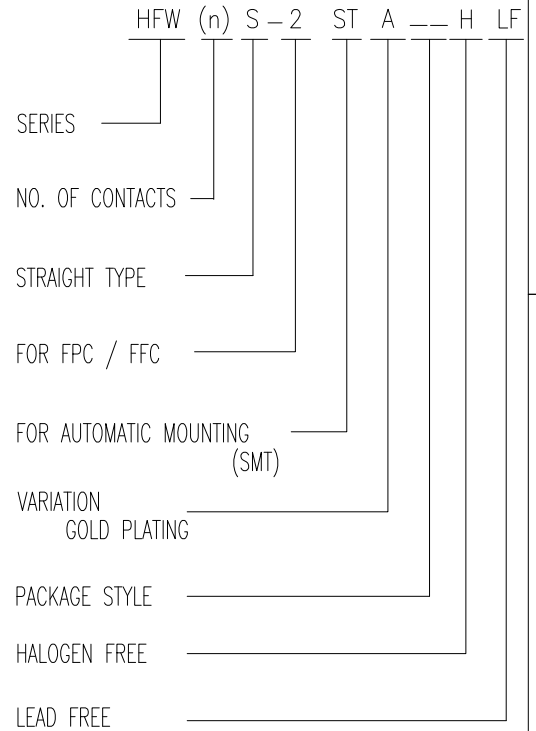
DOCUMENT NO.	LIST
SC-HFWS06	SPEC.
10147265 Sheet2	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR (HFW__S-2STAHLF)
10147265 Sheet3	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (HFW__S-2STAHLF)
10147265 Sheet4	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. (HFW__S-2STAE1HLF)
10147265 Sheet5	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (HFW__S-2STAE1HLF)
10147265 Sheet6	RECOMMENDED CABLE (FPC) (HFW__S-2STALF)
10147265 Sheet7	RECOMMENDED CABLE (FFC) (HFW__S-2STALF)

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-2STAE1HLF)			
A		N.S	2018-02-09	angles	linear	--		mm					
B	ELX-J-38365	S.W	2020-09-17	0°±x'		--		scale NTS					
				dr	S.Watanabe	2020-09-16				dwg no		sheet 1 of 7	size
				engr	S.Watanabe	2020-09-16				10147265		A4	
				chr	SH.Thio	2020-09-17							
				appd	Y.Kameda	2020-09-17							
sheet index	revision sheet	B	B	B	B	B	B	B					Rev. B
		1	2	3	4	5	6	7					

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-2STA__HLF	7	5.14	3	—	—
	5	HFW5S-2STA__HLF	8	6.14	4	—	—
	6	HFW6S-2STA__HLF	9	7.14	5	—	—
	7	HFW7S-2STA__HLF	10	8.14	6	—	—
	8	HFW8S-2STA__HLF	11	9.14	7	—	—
	9	HFW9S-2STA__HLF	12	10.14	8	0.35	7.3
	10	HFW10S-2STA__HLF	13	11.14	9	0.35	8.3
	11	HFW11S-2STA__HLF	14	12.14	10	1.35	7.3
	12	HFW12S-2STA__HLF	15	13.14	11	1.35	8.3
	13	HFW13S-2STA__HLF	16	14.14	12	2.35	7.3
	14	HFW14S-2STA__HLF	17	15.14	13	2.35	8.3
	15	HFW15S-2STA__HLF	18	16.14	14	3.35	7.3
	16	HFW16S-2STA__HLF	19	17.14	15	3.35	8.3
	17	HFW17S-2STA__HLF	20	18.14	16	4.35	7.3
	18	HFW18S-2STA__HLF	21	19.14	17	4.35	8.3
	19	HFW19S-2STA__HLF	22	20.14	18	5.35	7.3
	20	HFW20S-2STA__HLF	23	21.14	19	5.35	8.3
	21	HFW21S-2STA__HLF	24	22.14	20	6.35	7.3
	22	HFW22S-2STA__HLF	25	23.14	21	6.35	8.3
	23	HFW23S-2STA__HLF	26	24.14	22	7.35	7.3
	24	HFW24S-2STA__HLF	27	25.14	23	7.35	8.3
	25	HFW25S-2STA__HLF	28	26.14	24	8.35	7.3
	26	HFW26S-2STA__HLF	29	27.14	25	8.35	8.3
	27	HFW27S-2STA__HLF	30	28.14	26	9.35	7.3
	28	HFW28S-2STA__HLF	31	29.14	27	9.35	8.3
	29	HFW29S-2STA__HLF	32	30.14	28	10.35	7.3
	30	HFW30S-2STA__HLF	33	31.14	29	10.35	8.3
*	31	HFW31S-2STA__HLF	34	32.14	30	11.35	7.3
	32	HFW32S-2STA__HLF	35	33.14	31	11.35	8.3
*	33	HFW33S-2STA__HLF	36	34.14	32	12.35	7.3

CAT. NO.



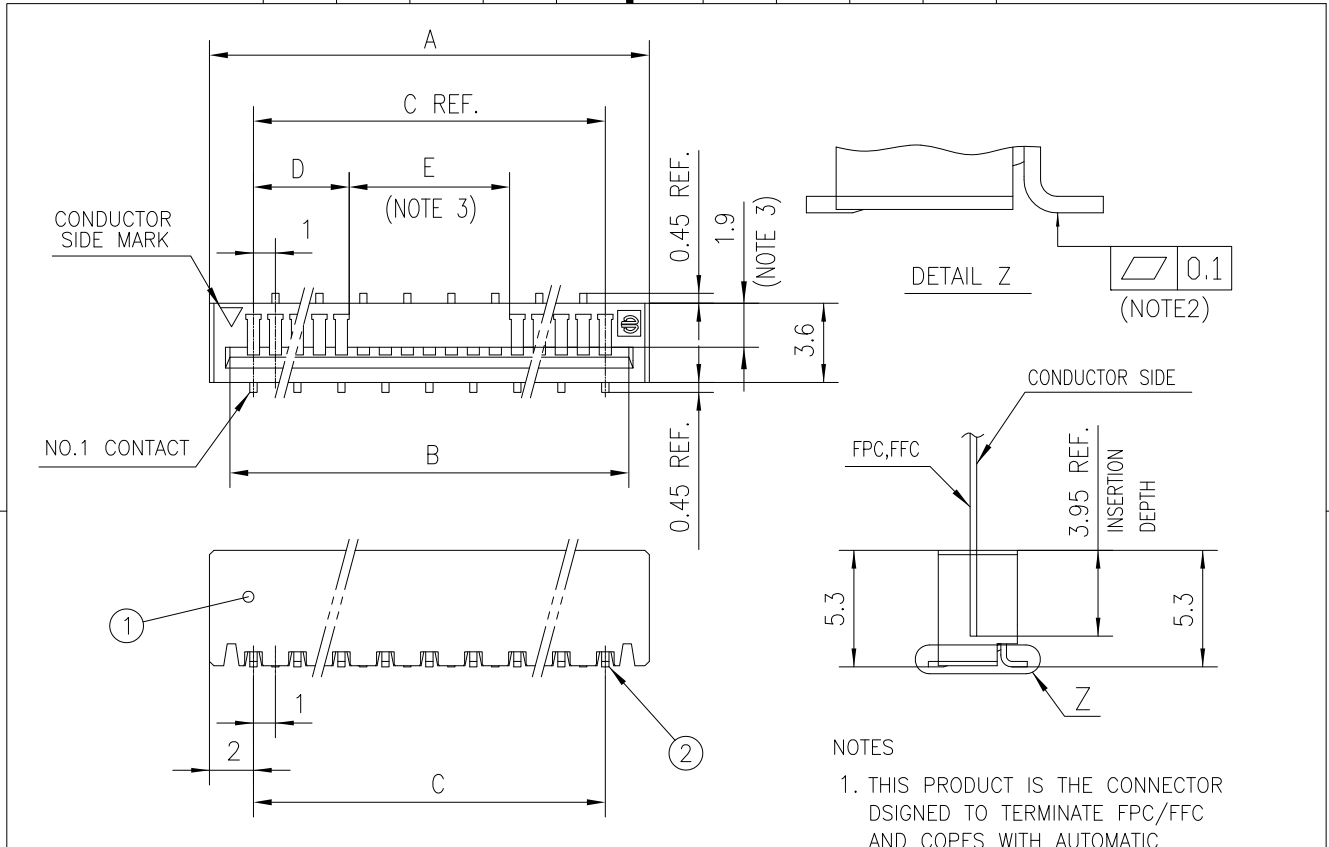
NOTES

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.

Amphenol FCI
FCI connector

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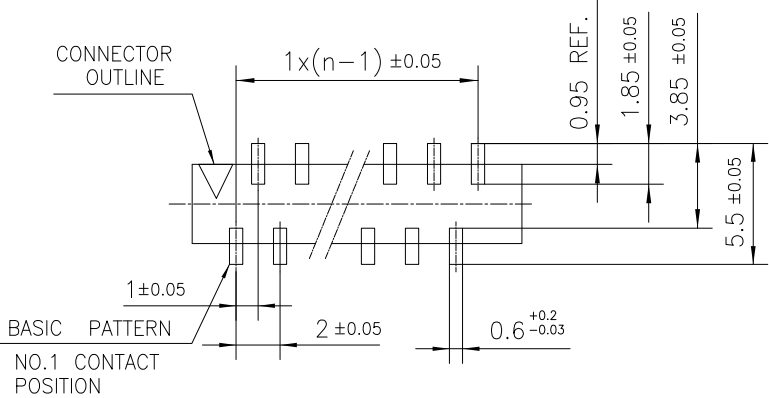
mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 580F				CODE JP	
ltr B		ecn no		dr		date		tolerances unless otherwise specified		mm		title CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.No.HFW__S-2STA__HLF)			
								angles linear		scale NTS		dwg no 10147265		sheet 2 of 7 size A4	
								dr S.Watanabe 2020-09-16		Amphenol FCI		sheet 2 of 7		size A4	
						enrg S.Watanabe 2020-09-16		type Product Customer Drawing							
						chr SH.Thio 2020-09-17									
						appd Y.Kameda 2020-09-17									
sheet index		revision sheet												Rev. B	



PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING (HALOGEN FREE)	LCP RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	CONTACT	PHOSPHOR BRONZE	n	PLATING : GOLD

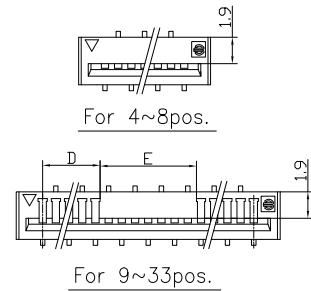
n : NO. OF CONTACTS

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. PRODUCT BELOW 8 POS. HAVE WHOLE FLAT SURFACE AS SHOWN IN A FIGURE.

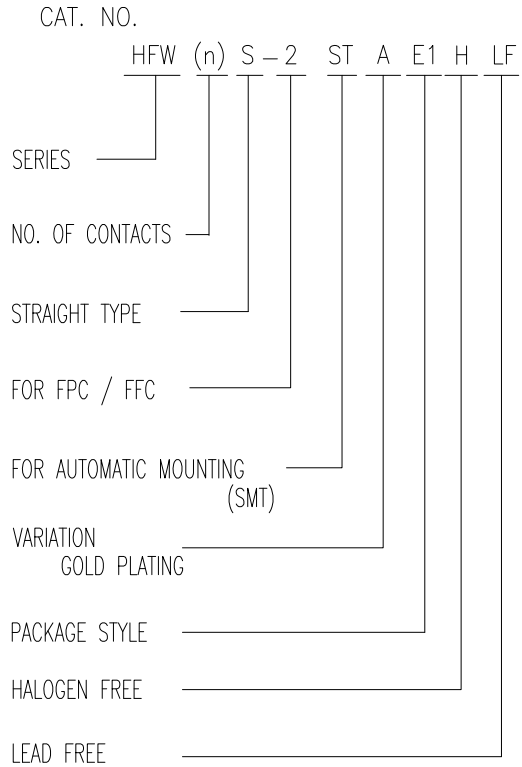


4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

mat'l. code				surface ISO 1302 ✓ tolerances unless otherwise specified		tolerance ISO 406 ISO 1101		projection mm		product family 580F		CODE JP	
ltr B				angles		linear		scale NTS		title 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (CAT.No.HFW__S-2STA__HLF)			
ecn no				dr		date		Amphenol FCI		dwg no 10147265		sheet 3 of 7	
date				dr S.Watanabe		2020-09-16				type Product Customer Drawing		Rev. B	
				enr S.Watanabe		2020-09-16							
				chr SH.Thio		2020-09-17							
				appd Y.Kameda		2020-09-17							
sheet index		revision sheet											

CAT. NO. & DIMENSIONS

(NOTE.4)	NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
			F ± 5	G ± 0.3	H ± 0.1
	4	HFW4S-2STAE1HLF	28.4	24	—
	5	HFW5S-2STAE1HLF	28.4	24	—
	6	HFW6S-2STAE1HLF	28.4	24	—
	7	HFW7S-2STAE1HLF	28.4	24	—
	8	HFW8S-2STAE1HLF	28.4	24	—
	9	HFW9S-2STAE1HLF	28.4	24	—
	10	HFW10S-2STAE1HLF	28.4	24	—
	11	HFW11S-2STAE1HLF	28.4	24	—
	12	HFW12S-2STAE1HLF	28.4	24	—
	13	HFW13S-2STAE1HLF	28.4	24	—
	14	HFW14S-2STAE1HLF	36.4	32	28.4
	15	HFW15S-2STAE1HLF	36.4	32	28.4
	16	HFW16S-2STAE1HLF	36.4	32	28.4
	17	HFW17S-2STAE1HLF	36.4	32	28.4
	18	HFW18S-2STAE1HLF	48.4	44	40.4
	19	HFW19S-2STAE1HLF	48.4	44	40.4
	20	HFW20S-2STAE1HLF	48.4	44	40.4
	21	HFW21S-2STAE1HLF	48.4	44	40.4
	22	HFW22S-2STAE1HLF	48.4	44	40.4
	23	HFW23S-2STAE1HLF	48.4	44	40.4
	24	HFW24S-2STAE1HLF	48.4	44	40.4
	25	HFW25S-2STAE1HLF	48.4	44	40.4
	26	HFW26S-2STAE1HLF	48.4	44	40.4
	27	HFW27S-2STAE1HLF	48.4	44	40.4
	28	HFW28S-2STAE1HLF	48.4	44	40.4
	29	HFW29S-2STAE1HLF	60.4	56	52.4
	30	HFW30S-2STAE1HLF	60.4	56	52.4
*	31	HFW31S-2STAE1HLF	60.4	56	52.4
	32	HFW32S-2STAE1HLF	60.4	56	52.4
*	33	HFW33S-2STAE1HLF	60.4	56	52.4

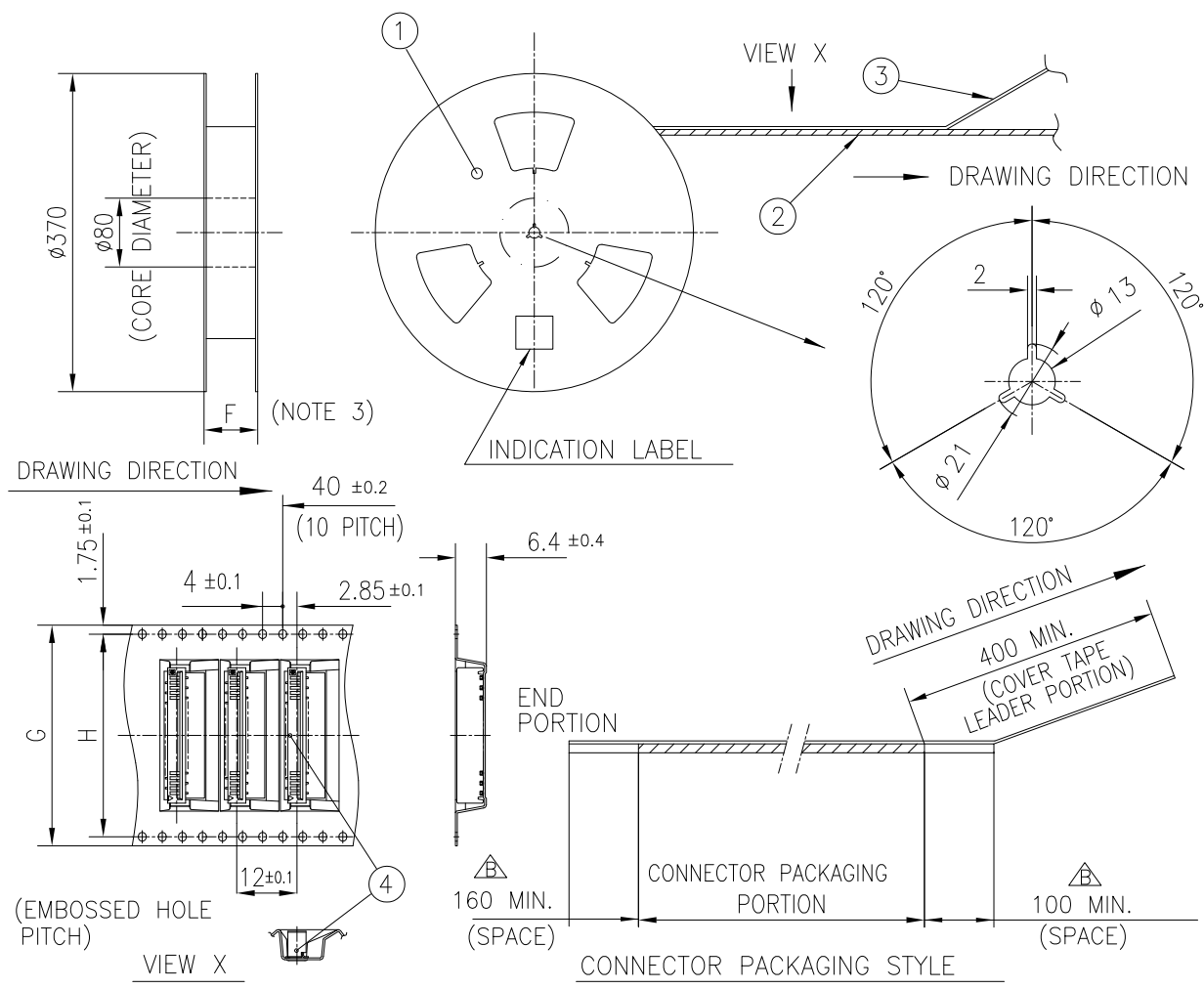


1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS F~H.
4. PLEASE CONSULT US IN CASE OF USING PARTS WITH * MARK.

Amphenol FCI

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mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 580F				CODE JP	
ltr ecn no dr date				tolerances unless otherwise specified		angles linear		mm		title					
B										CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. (CAT.No.HFW__S-2STAE1HLF)					
				dr S.Watanabe		2020-09-16		scale NTS		dwg no sheet 4 of 7 size					
				engr S.Watanabe		2020-09-16		Amphenol FCI		10147265				A4	
				chr SH.Thio		2020-09-17				type Product Customer Drawing					
				appd Y.Kameda		2020-09-17								Rev. B	
sheet index		revision sheet													



PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	△ CARDBOARD	1	COLOR:GRAY
2	PLASTIC (EMBOSS) TAPE	_____	△ PS	_____	COLOR:TRANSPARENCY
3	COVER	_____	△ POLYESTER, POLYETHYLENE	_____	COLOR:TRANSPARENCY
4	CONNECTOR	HFW__S-2STA__HLF	SEE ATTACHED DWG.	1000	_____

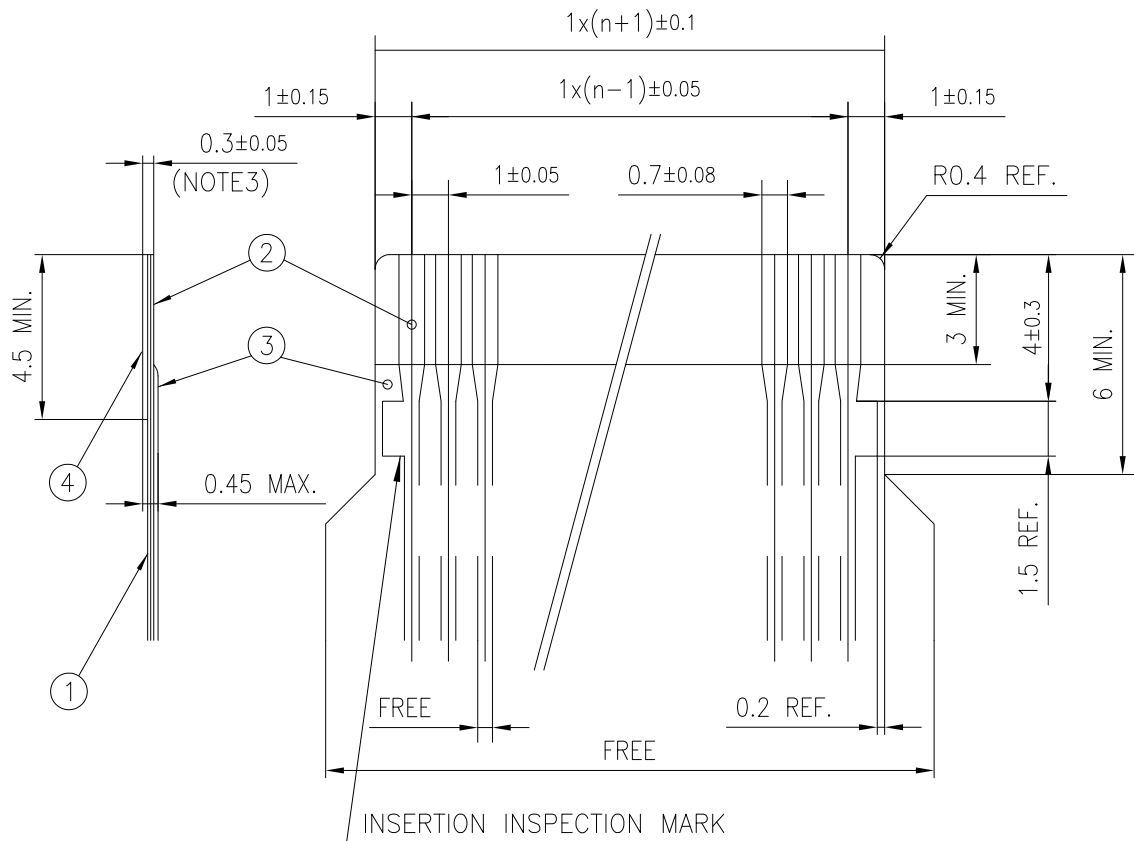
NOTES

- 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 (EMBOSS) TAPE AND REEL.
- F DIMENSION IS PORTION OF THE CORE.

mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 580F		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title			
B				angles	linear	← mm →		PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. : HFW__S-2STAE1HLF)			
				0°±x'		scale NTS		dwg no		sheet 5 of 7 size	
				dr	S.Watanabe	2020-09-16		Amphenol FCI		10147265	
				engr	S.Watanabe	2020-09-16		dwg no		sheet 5 of 7 size	
				chr	SH.Thio	2020-09-17		10147265		A4	
				appd	Y.Kameda	2020-09-17		type		Product Customer Drawing	
sheet index		revision sheet								Rev. B	

RECOMMENDED CABLE (FPC)

n : NO. OF CONDUCTORS



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

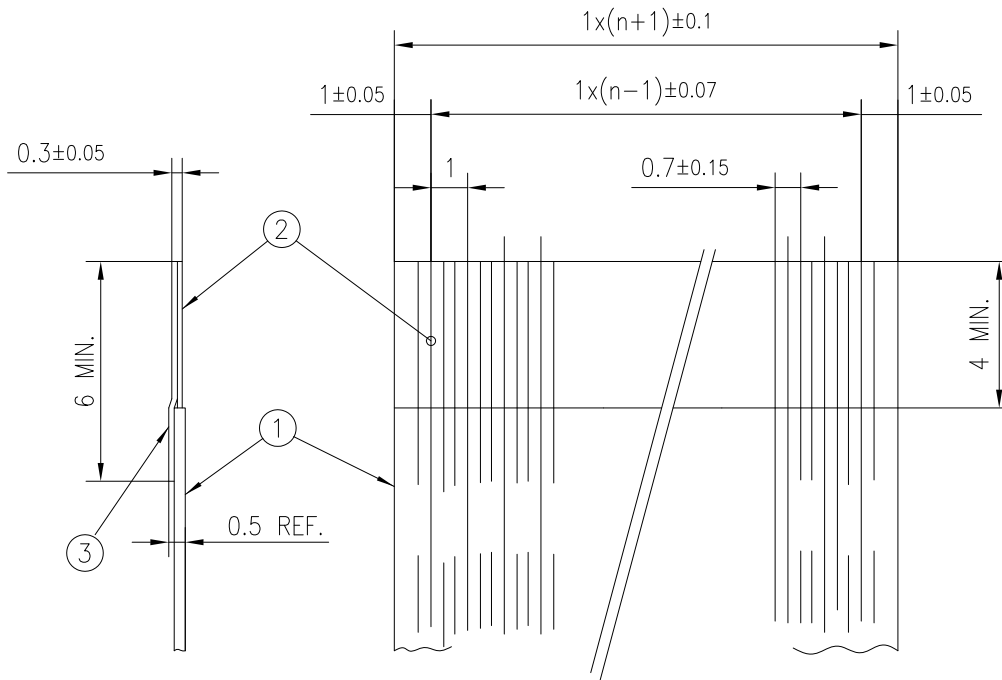
NOTES

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 ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 580F		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title			
B				angles	linear	← mm →		RECOMMENDED CABLE (CAT.No.HFW__S-2STA__)			
				0°±x'		scale NTS		dwg no		sheet 6 of 7 size	
				dr	S.Watanabe	2020-09-16	Amphenol FCI	10147265		A4	
				engr	S.Watanabe	2020-09-16		Product Customer Drawing		Rev.	
				chr	SH.Thio	2020-09-17				B	
				appd	Y.Kameda	2020-09-17					
sheet index	revision sheet										

RECOMMENDED CABLE (FFC)

n : NO. OF CONDUCTOR



PT. NO.	DESCRIPTION	MATERIAL	NOTE
1	INSULATOR	FLAME RESISTING POLYESTER OR EQUIVALENT	_____
2	CONDUCTOR	COPPER FOIL	PLATING : GOLD
3	SUPPORTING TAPE	FLAME RESISTING POLYESTER OR EQUIVALENT	_____

NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.

Amphenol FCI

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mat'l. code		surface 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-2STA__)			
B				angles	linear	scale NTS		dwg no		sheet 7 of 7 size	
				0°±x'		Amphenol FCI		10147265		A4	
				dr	S.Watanabe	2020-09-16	type		Product Customer Drawing		
				engr	S.Watanabe	2020-09-16	Rev.		B		
				chr	SH.Thio	2020-09-17					
				appd	Y.Kameda	2020-09-17					
sheet index	revision sheet										