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CAT. NO. & DIMENSIONS

(NOTE3)	NO. OF	CAT NO	DIMENSIONS (NOTE2)							
(NOTES)	CONTACTS (n)	CAT. NO.	A ± 0.2	B ± 0.2	C ± 0.1					
	4	HFW4R-1/2STLF	6.6	3	5.14					
	5	HFW5R-1/2STLF	7.6	4	6.14					
	6	HFW6R-1/2STLF	8.6	5	7.14					
	7	HFW7R-1/2STLF	9.6	6	8.14					
	8	HFW8R-1/2STLF	10.6	7	9.14					
	9	HFW9R-1/2STLF	11.6	8	10.14					
	10	HFW10R-1/2STLF	12.6	9	11.14					
	11	HFW11R-1/2STLF	13.6	10	12.14					
	12	HFW12R-1/2STLF	14.6	11	13.14					
	13	HFW13R-1/2STLF	15.6	12	14.14					
	14	HFW14R-1/2STLF	16.6	13	15.14					
	15	HFW15R-1/2STLF	17.6	14	16.14					
	16	HFW16R-1/2STLF	18.6	15	17.14					
	17	HFW17R-1/2STLF	19.6	16	18.14					
	18	HFW18R-1/2STLF	20.6	17	19.14					
	19	HFW19R-1/2STLF	21.6	18	20.14					
	20	HFW20R-1/2STLF	22.6	19	21.14					
	21	HFW21R-1/2STLF	23.6	20	22.14					
	22	HFW22R-1/2STLF	24.6	21	23.14					
	23	HFW23R-1/2STLF	25.6	22	24.14					
	24	HFW24R-1/2STLF	26.6	23	25.14					
	25	HFW25R-1/2STLF	27.6	24	26.14					
	26	HFW26R-1/2STLF	28.6	25	27.14					
	27	HFW27R-1/2STLF	29.6	26	28.14					
*	28	HFW28R-1/2STLF	30.6	27	29.14					
*	29	HFW29R-1/2STLF	31.6	28	30.14					
	30	HFW30R-1/2STLF	32.6	29	31.14					

CAT. NO. HFW (n) R = 1 ST =SERIES -NO. OF CONTACTS RIGHT ANGLE TYPE -FOR FPC/FFC, CONTACT-DIRECTION 1. LOWER CONTACT TYPE 2. UPPER CONTACT TYPE FOR AUTOMATIC MOUNTING (SMT) PACKAGE STYLE LEAD FREE

NOTES

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

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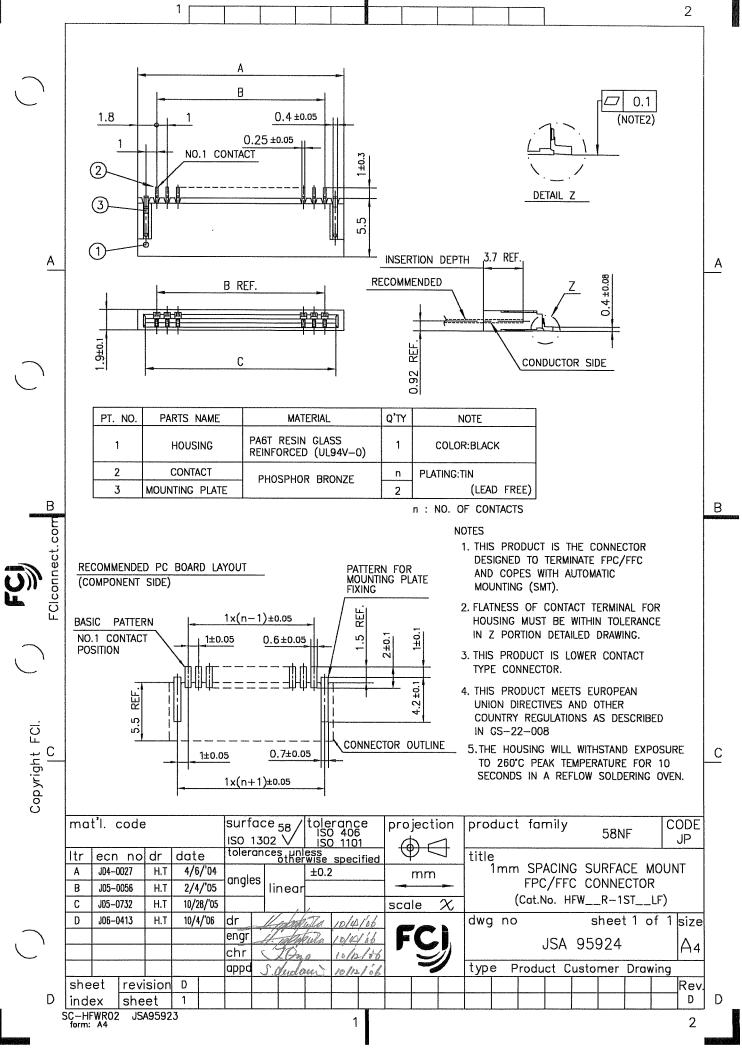
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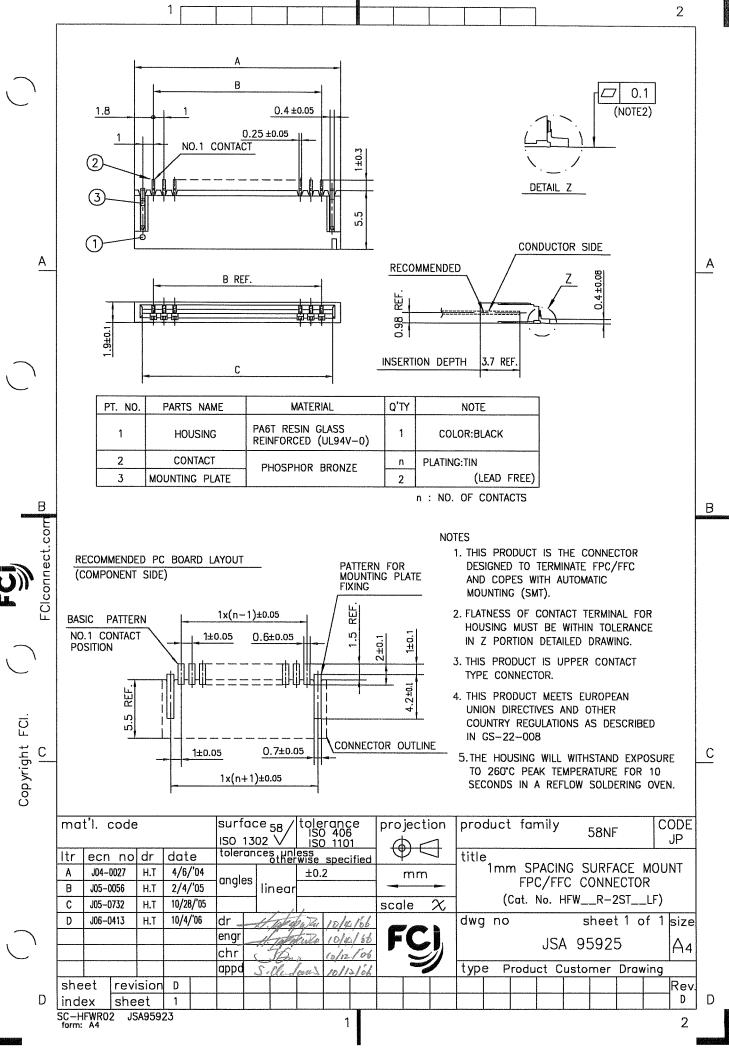
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PDM: Rev:D

STATUS: Released



PDM: Rev:D

STATUS: Released



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CAT. NO. & DIMENSIONS

(NOTE 4)	NO. OF	CAT. NO.	DIMENS	SIONS (N	OTE3)
(NOTE4)	CONTACTS (n)	(NOTE2)	E ± 5	F ± 0.3	G ± 0.1
	4	HFW4R-1/2STE1LF	28.4	24	
	5	HFW5R-1/2STE1LF	28.4	24	
	6	HFW6R-1/2STE1LF	28.4	24	
	7	HFW7R-1/2STE1LF	28.4	24	
	8	HFW8R-1/2STE1LF	28.4	24	
	9	HFW9R-1/2STE1LF	28.4	24	
	10	HFW10R-1/2STE1LF	28.4	24	
	11	HFW11R-1/2STE1LF	28.4	24	
	12	HFW12R-1/2STE1LF	28.4	24	
	13	HFW13R-1/2STE1LF	28.4	24	
	14	HFW14R-1/2STE1LF	28.4	24	
	15	HFW15R-1/2STE1LF	36.4	32	28.4
	16	HFW16R-1/2STE1LF	36.4	32	28.4
	17	HFW17R-1/2STE1LF	36.4	32	28.4
	18	HFW18R-1/2STE1LF	36.4	32	28.4
	19	HFW19R-1/2STE1LF	48.4	44	40.4
	20	HFW20R-1/2STE1LF	48.4	44	40.4
	21	HFW21R-1/2STE1LF	48.4	44	40.4
	22	HFW22R-1/2STE1LF	48.4	44	40.4
	23	HFW23R-1/2STE1LF	48.4	44	40.4
	24	HFW24R-1/2STE1LF	48.4	44	40.4
	25	HFW25R-1/2STE1LF	48.4	44	40.4
	26	HFW26R-1/2STE1LF	48.4	44	40.4
	27	HFW27R-1/2STE1LF	48.4	44	40.4
*	28	HFW28R-1/2STE1LF	48.4	44	40.4
*	29	HFW29R-1/2STE1LF	48.4	44	40.4
	30	HFW30R-1/2STE1LF	60.4	56	52.4

CAT. NO. HFW (n) R = 1 ST E1 LF SERIES NO. OF CONTACTS RIGHT ANGLE TYPE FOR FPC/FFC, CONTACT -DIRECTION 1. LOWER CONTACT TYPE 2. UPPER CONTACT TYPE FOR AUTOMATIC MOUNTING (SMT) TAPE PACKAGING 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 E~G.
- 4. PLEASE CONSULT US IN CASE OF USING PARTS WITH * MARK.

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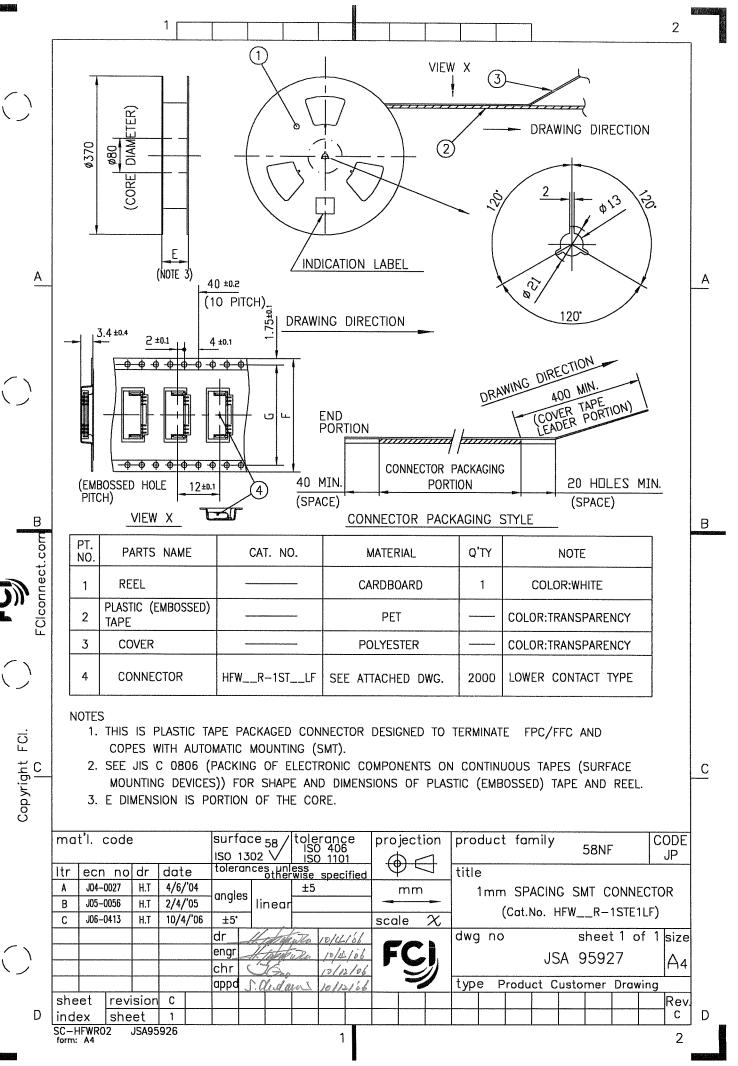
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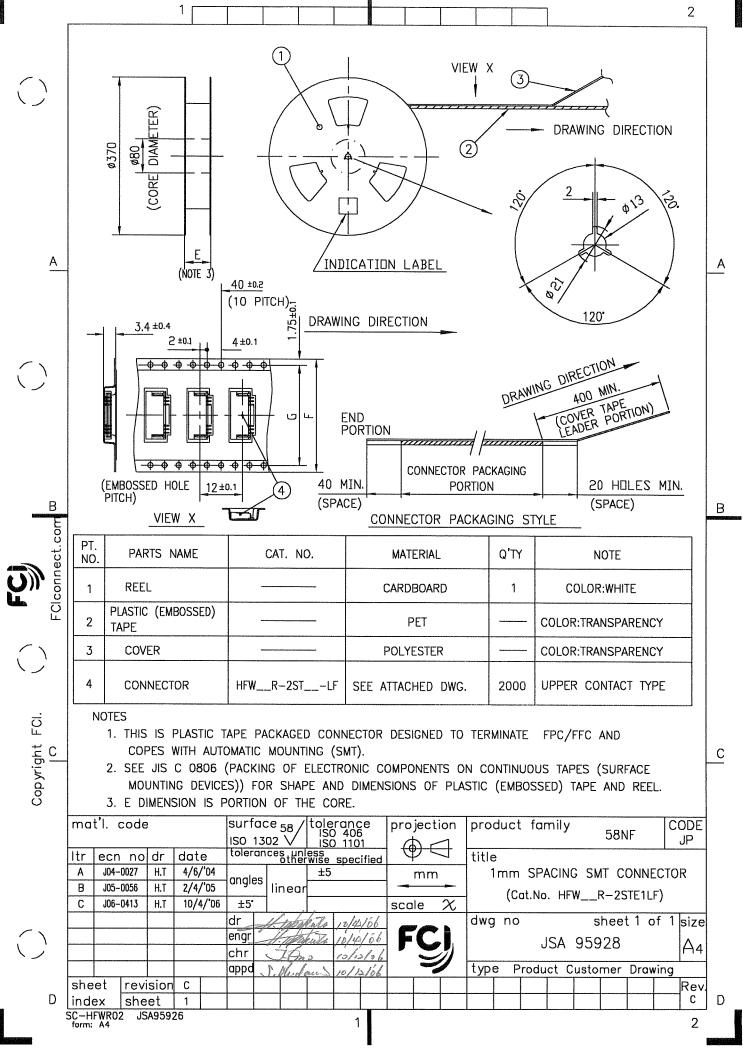
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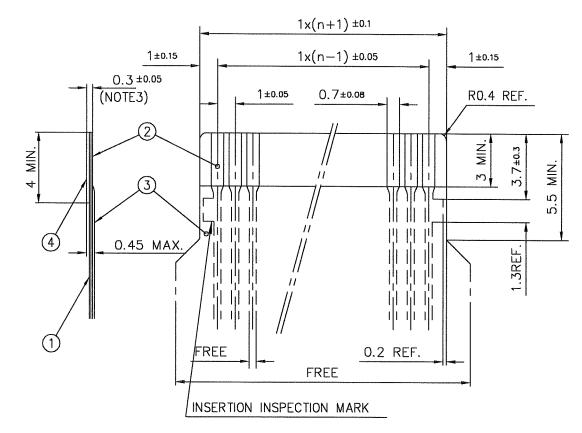
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n: NO. OF CONDUCTORS



PT. NO.	DESCRIPTION	MATERIAL	THICKNESS (µm)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUIVALENT	25
2	CONDUCTOR	COPPER FOIL(PLATING : SOLDER 1 µm 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.

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RECOMMENDED CABLE (FFC)

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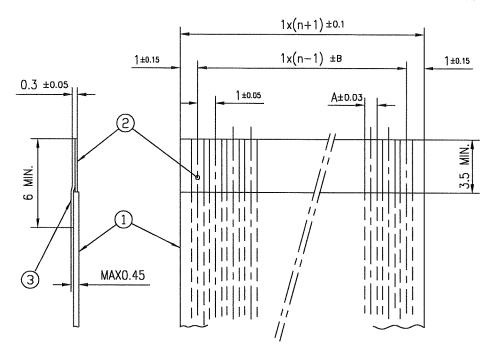
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n: NO. OF CONDUCTORS



(NOTE 3)	DIMENSION A	TOLERANCE B
1	0.7	0.1
2	0.6	0.07

PT. NO.	DESCRIPTION	MATERIAL	NOTE
1	INSULATOR	FLAME RESISTING POLYESTER OR EQUIVALENT	
2	CONDUCTOR	COPPER FOIL	PLATING: TIN OR SOLDER 1 µm MIN.
3	SUPPORTING TAPE	FLAME RESISTING POLYESTER OR EQUIVALENT	-

NOTES

- 1. NO BURR AT EACH PORTION.
- 2. NO PEELING IN COMMON USE.
- 3. BOTH COMBINATION IS ALLOWED.

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