

STATUS: Released

PDS: Rev :B

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NO. OF	0.17 . 110	DII	MENSION	IS (NOT	E2)
CONTACTS (n)	CAT. NO.	A ± 0.2	B ± 0.2	C ± 0.2	D ± 0.1
4	SFW4R-1/2STHLF	9.8	8.6	3.0	5.3
5	SFW5R-1/2STHLF	10.8	9.6	4.0	6.3
6	SFW6R-1/2STHLF	11.8	10.6	5.0	7.3
7	SFW7R-1/2STHLF	12.8	11.6	6.0	8.3
8	SFW8R-1/2STHLF	13.8	12.6	7.0	9.3
9	SFW9R-1/2STHLF	14.8	13.6	8.0	10.3
10	SFW10R-1/2STHLF	15.8	14.6	9.0	11.3
11	SFW11R-1/2STHLF	16.8	15.6	10.0	12.3
12	SFW12R-1/2STHLF	17.8	16.6	11.0	13.3
13	SFW13R-1/2STHLF	18.8	17.6	12.0	14.3
14	SFW14R-1/2STHLF	19.8	18.6	13.0	15.3
15	SFW15R-1/2STHLF	20.8	19.6	14.0	16.3
16	SFW16R-1/2STHLF	21.8	20.6	15.0	17.3
17	SFW17R-1/2STHLF	22.8	21.6	16.0	18.3
18	SFW18R-1/2STHLF	23.8	22.6	17.0	19.3
19	SFW19R-1/2STHLF	24.8	23.6	18.0	20.3
20	SFW20R-1/2STHLF	25.8	24.6	19.0	21.3
21	SFW21R-1/2STHLF	26.8	25.6	20.0	22.3
22	SFW22R-1/2STHLF	27.8	26.6	21.0	23.3
23	SFW23R-1/2STHLF	28.8	27.6	22.0	24.3
24	SFW24R-1/2STHLF	29.8	28.6	23.0	25.3
25	SFW25R-1/2STHLF	30.8	29.6	24.0	26.3
26	SFW26R-1/2STHLF	31.8	30.6	25.0	27.3
27	SFW27R-1/2STHLF	32.8	31.6	26.0	28.3
28	SFW28R-1/2STHLF	33.8	32.6	27.0	29.3
29	SFW29R-1/2STHLF	34.8	33.6	28.0	30.3
30	SFW30R-1/2STHLF	35.8	34.6	29.0	31.3

CAT. NO. SFW (n) R = 1 ST = HLF SERIES NAME 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 HALOGEN AND LEAD FREE -

NOTES

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- 1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- 2. SEE PART DRAWINGS FOR DIMENSIONS A~D.

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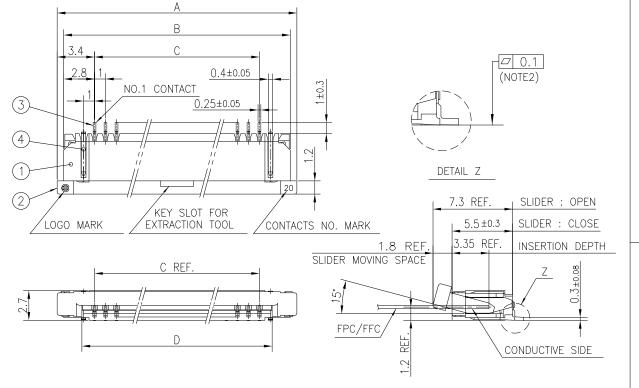
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PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS	1	COLOR : BLACK (HALOGEN FREE)
2	SLIDER	REINFORCED (UL94V-0)	1	COLOR : BLACK (HALOGEN FREE)
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : TIN
4	MOUNTING PLATE	THOSITION BROWLE	2	T DATING . TIN

n: NO. OF CONTACTS

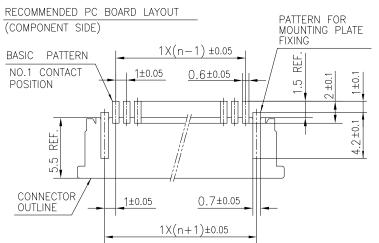


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## NOTES

- THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- 2. FLATNESS FOR CONTACT TERMINAL HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
- 3. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR.
- 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.

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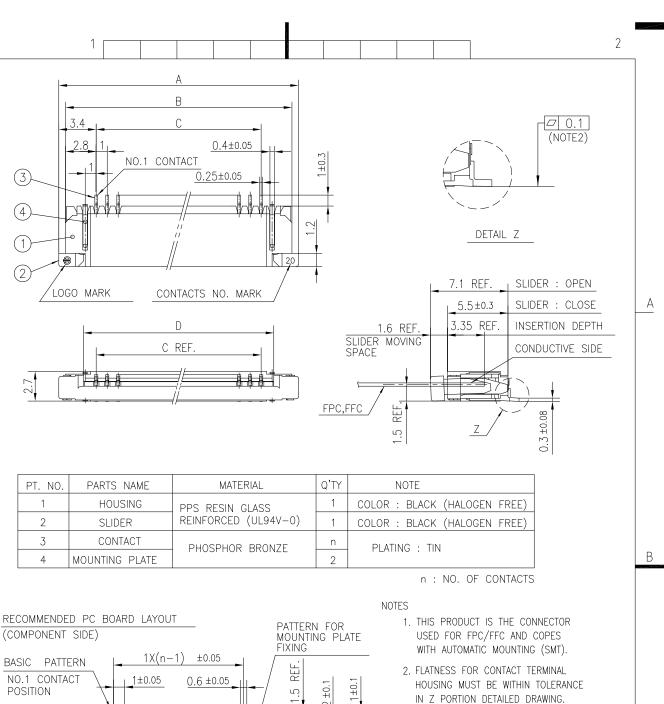
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- HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
- 3. THIS PRODUCT IS UPPER CONTACT TYPE CONNECTOR.
- 4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN

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## CAT. NO. & DIMENSIONS

NO. OF	CAT. NO.	DIMENS	SIONS (N	OTE3)
CONTACTS (n)	(NOTE2)	E ± 5	F ± 0.3	G ± 0.1
4	SFW4R-1/2STE1HLF	20.4	16	_
5	SFW5R-1/2STE1HLF	28.4	24	_
6	SFW6R-1/2STE1HLF	28.4	24	_
7	SFW7R-1/2STE1HLF	28.4	24	_
8	SFW8R-1/2STE1HLF	28.4	24	
9	SFW9R-1/2STE1HLF	28.4	24	_
10	SFW10R-1/2STE1HLF	28.4	24	_
11	SFW11R-1/2STE1HLF	28.4	24	_
12	SFW12R-1/2STE1HLF	28.4	24	_
13	SFW13R-1/2STE1HLF	36.4	32	28.4
14	SFW14R-1/2STE1HLF	36.4	32	28.4
15	SFW15R-1/2STE1HLF	36.4	32	28.4
16	SFW16R-1/2STE1HLF	36.4	32	28.4
17	SFW17R-1/2STE1HLF	48.4	44	40.4
18	SFW18R-1/2STE1HLF	48.4	44	40.4
19	SFW19R-1/2STE1HLF	48.4	44	40.4
20	SFW20R-1/2STE1HLF	48.4	44	40.4
21	SFW21R-1/2STE1HLF	48.4	44	40.4
22	SFW22R-1/2STE1HLF	48.4	44	40.4
23	SFW23R-1/2STE1HLF	48.4	44	40.4
24	SFW24R-1/2STE1HLF	48.4	44	40.4
25	SFW25R-1/2STE1HLF	48.4	44	40.4
26	SFW26R-1/2STE1HLF	48.4	44	40.4
27	SFW27R-1/2STE1HLF	48.4	44	40.4
28	SFW28R-1/2STE1HLF	60.4	56	52.4
29	SFW29R-1/2STE1HLF	60.4	56	52.4
30	SFW30R-1/2STE1HLF	60.4	56	52.4

CAT. NO. SFW (n) R - 1 ST E1 HLF SERIES NAME 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 HALOGEN AND LEAD FREE -

NOTES

- 1. THIS PRODUCT IS THE CONNECTOR USED FOR 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.

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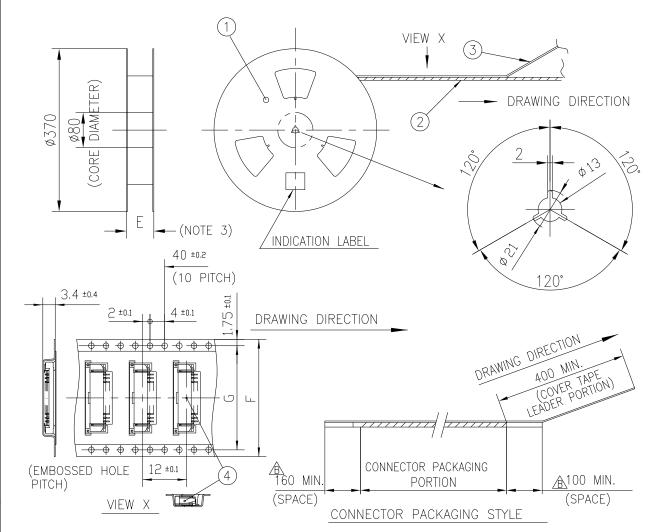
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PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL		CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE		A PS or A-PET		COLOR : TRANSPARENCY
3	COVER		BPOLYESTER, POLYETHYLENE		COLOR : TRANSPARENCY
4	CONNECTOR	SFWR-1STHLF	SEE SHEET 3	2000	LOWER CONTACT TYPE

## NOTES

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

mat	·'l. c	ode				surfo	ıce	/	tole	ranc	e	proj	jectio	חכ	prod	duct	fam	ily		58R			
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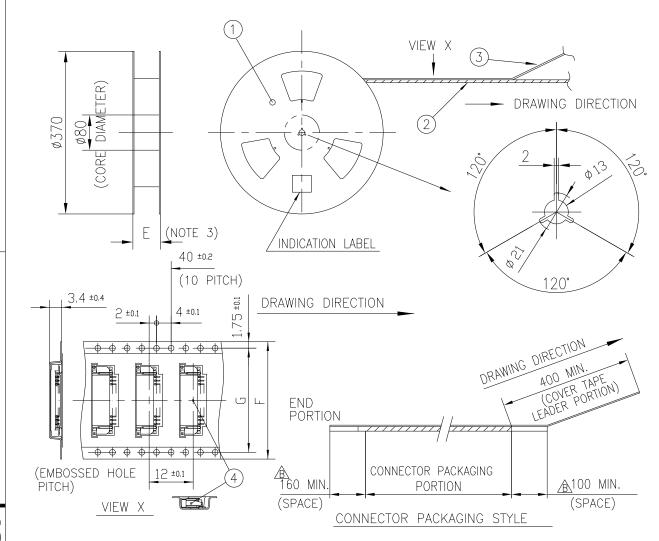
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PDS: Rev :B

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PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL		CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE		A PS or A-PET		COLOR : TRANSPARENCY
3	COVER		BPOLYESTER, POLYETHYLENE		COLOR: TRANSPARENCY
4	CONNECTOR	SFWR-2STHLF	SEE SHEET 4	2000	UPPER CONTACT TYPE

## NOTES

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

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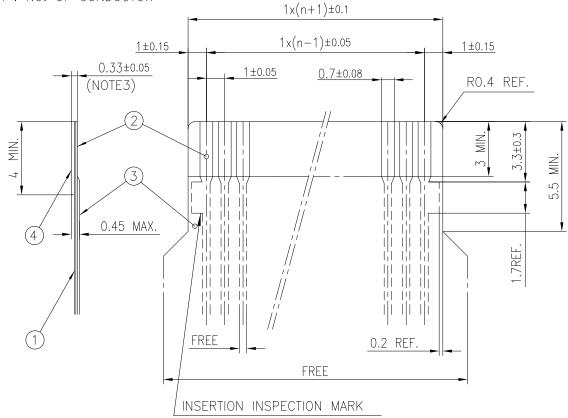
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n: NO. OF CONDUCTOR



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

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 /			tolerance			projection		product family 58RF											
_					ISO 1302 ∨			ISO 406 ISO 1101			<b>(</b> -C)			JORF										
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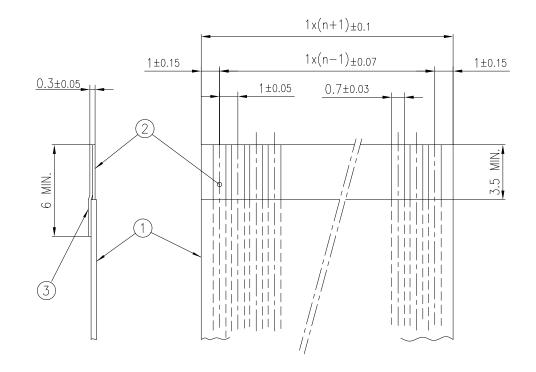
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PDS: Rev :B

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RECOMMENDED CABLE (FFC)

n: NO. OF CONDUCTOR



PT. NO.	PARTS NAME	MATERIAL	NOTE					
1	INSULATOR	FLAME RESISTING POLYESTER OR EQUAL						
2	CONDUCTOR	COPPER FOIL	PLATING:TIN OR SOLDER 1um MIN.					
3	SUPPORTING TAPE	FLAME RESISTING POLYESTER OR EQUAL						

NOTES

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

mat'l. code						surface /			/tolerance			projection			product family 58RF									
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