

Recommended P.C.B Layout

Materials

Contact Material: Brass

Insulation Material: Polyester, UL 94V-0
NYLON 9T

Specifications

Current Rating: 1 Amp

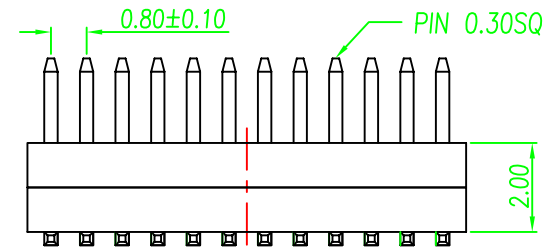
Insulation Resistance: 1000MΩ Min at DC 500V

Dielectric Withstanding: 500V AC for one minute

Contact Resistance: 15mΩ Max.

Operating Temperature: -40°C to +105°C

All materials must be GP materials



POLES	DIM A	DIM B	POLES	DIM A	DIM B	POLES	DIM A	DIM B	POLES	DIM A	DIM B
3	2.66	1.60	15	12.26	11.20	27	21.86	20.80	39	31.46	30.40
4	3.46	2.40	16	13.06	12.00	28	22.66	21.60	40	32.26	31.20
5	4.26	3.20	17	13.86	12.80	29	23.46	22.40	41	33.06	32.00
6	5.06	4.00	18	14.66	13.60	30	24.26	23.20	42	33.86	32.80
7	5.86	4.80	19	15.46	14.40	31	25.06	24.00	43	34.66	33.60
8	6.66	5.60	20	16.26	15.20	32	25.86	24.80	44	35.46	34.40
9	7.46	6.40	21	17.06	16.00	33	26.66	25.60	45	36.26	35.20
10	8.26	7.20	22	17.86	16.80	34	27.46	26.40	46	37.06	36.00
11	9.06	8.00	23	18.66	17.60	35	28.26	27.20	47	37.86	36.80
12	9.86	8.80	24	19.46	18.40	36	29.06	28.00	48	38.66	37.60
13	10.66	9.60	25	20.26	19.20	37	29.86	28.80	49	39.46	38.40
14	11.46	10.40	26	21.06	20.00	38	30.66	29.60	50	40.26	39.20

Ordering Information

HMFD5V1H - XX XX XXX L B X X

No. of Pins Per Row: 03-50
Standard Plating: 01=Gold Flash, 02=Gold 3U", 11=Tin, XX=Select Plating
Pin Length: 001=2, 0/3, 5/4, 7, XXX=Select A/H/W
Material: L=LCP, T=6T
Material: B=Brass, P=Phosphoric Bronze, R=Round pin
POST: P=With Post, W=Without Post
Packing: T=Tube, TP=Tape+Reel

GENERAL TOLERANCE	ANGLE TOLERANCE	DESIGN	DATE	All Connectors	
X. ±0.38 .XX ±0.25 .XXX ±0.13	X' ±5° .X' ±2° .XX' ±1° .XXX' ±0.5°	Andy2005.08.12		www.allconnectors.eu info@allconnectors.eu Tel. +49 (0)711 / 358 110 20 Fax +49 (0)711 / 358 110 25	
UNIT:mm	SCALE 1:1	CHECK	DATE	FILE NAME (品名)	0.8*1.2MM Header SMT TYPE
A4	SHEET: 1 of 1	APPRO.	DATE	PART NO (料号)	HMFD5V1H-XXXXXXXXLB
				DRAWING NO.(图号)	HMFD5V1H-01
				REV.	A0