

Recommended P. C. B. layout

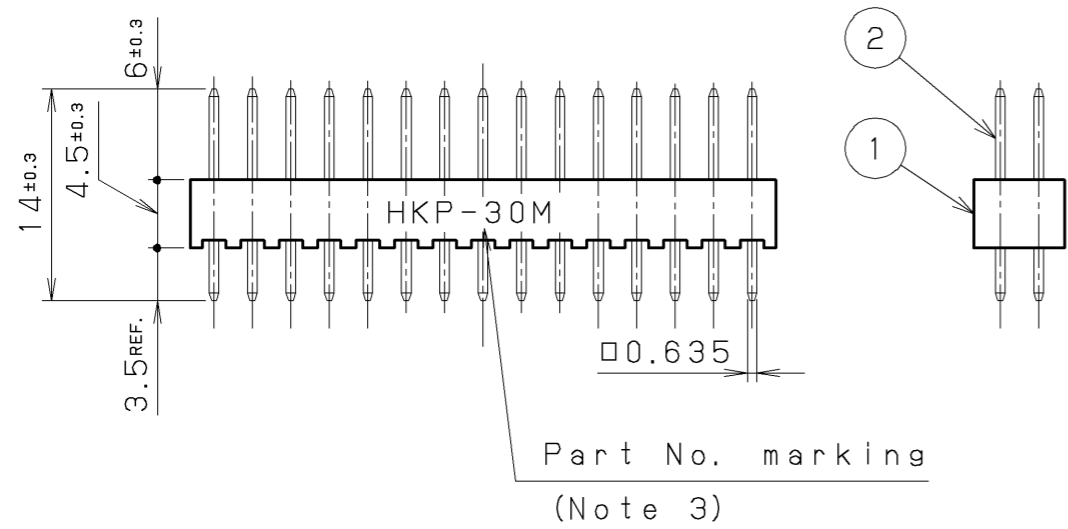


Table 1.

No. of Pos.	Part No.	A±0.2	BREF.
4	HKP-4M1 ()	2.54	5.68
6	HKP-6M1 ()	5.08	8.22
8	HKP-8M1 ()	7.62	10.76
10	HKP-10M1 ()	10.16	13.30
12	HKP-12M1 ()	12.70	15.84
14	HKP-14M1 ()	15.24	18.38
16	HKP-16M1 ()	17.78	20.92
18	HKP-18M1 ()	20.32	23.46
20	HKP-20M1 ()	22.86	26.00
22	HKP-22M1 ()	25.40	28.54
24	HKP-24M1 ()	27.94	31.08
26	HKP-26M1 ()	30.48	33.62
28	HKP-28M1 ()	33.02	36.16
30	HKP-30M1 ()	35.56	38.70
32	HKP-32M1 ()	38.10	41.24
34	HKP-34M1 ()	40.64	43.78
36	HKP-36M1 ()	43.18	46.32
38	HKP-38M1 ()	45.72	48.86
40	HKP-40M1 ()	48.26	51.40
42	HKP-42M1 ()	50.80	53.94
44	HKP-44M1 ()	53.34	56.48
46	HKP-46M1 ()	55.88	59.02
48	HKP-48M1 ()	58.42	61.56
50	HKP-50M1 ()	60.96	64.10
52	HKP-52M1 ()	63.50	66.64
54	HKP-54M1 ()	66.04	69.18
56	HKP-56M1 ()	68.58	71.72
58	HKP-58M1 ()	71.12	74.26
60	HKP-60M1 ()	73.66	76.80
62	HKP-62M1 ()	76.20	79.34
64	HKP-64M1 ()	78.74	81.88
66	HKP-66M1 ()	81.28	84.42
68	HKP-68M1 ()	83.82	86.96
70	HKP-70M1 ()	86.36	89.50

Note1. This figure shows HKP-30M1 ().
 Note2. "n" shows No. of Pos.

Note3. Part No. marking :
 1) In the case of HKP- (n) M1, M1T, M1Z
 (HKP-30M)
 There is no Part No. marking on 4 and 6 pos. connectors.

2) In the case of HKP- (n) M1E
 (HKP-30M)
 About Ø1 mark

There is no Part No. marking on 4 and 6 pos. connectors.

Note4. This connector cuts an insulator at the B size part and makes a connector.

Table 2.

Part No.	Plating	n
HKP- (n) M1	Gold 0.2µm min.	4~70
HKP- (n) M1E	Gold 0.05µm min.	4~70
HKP- (n) M1T	Tin/Lead 2µm min.	4~20
HKP- (n) M1Z	Gold 0.3µm min.	4~70

LTR.	DATE	BY	REV.	DESCRIPT	No.	PART NAME	MATERIAL	QTY	FINISH	NOTE
△					2	Contact	Phosphor bronze	n	See table2.	
△					1	Insulator	PBT	1		UL94V-0 Black
						HONDA TSUSHIN KOGYO CO., LTD.				
DATE		SCALE		UNIT		3RD. A. P				
Aug.11 (2003)		5/1		mm (INCH)						
APP. DATE&REV.										
DR.	DE.	CHK.	CHK.	APP.	NAME		Male connector			
S. IJIMA	S. IJIMA	—	C. NUNOKAWA	H. EBIHARA	PART NO.		HKP- (n) M1 ()			
										REV.