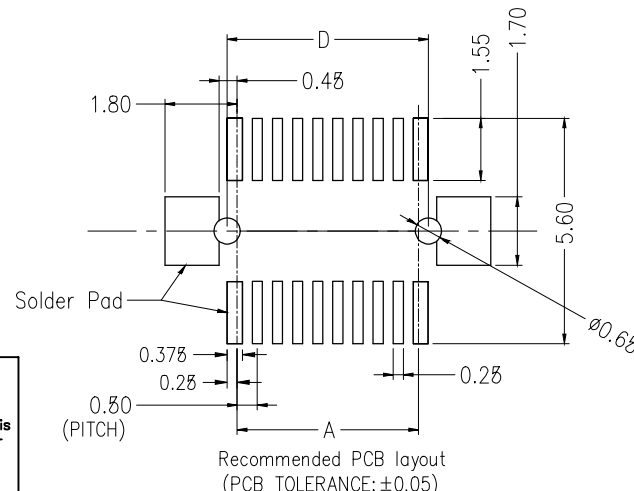
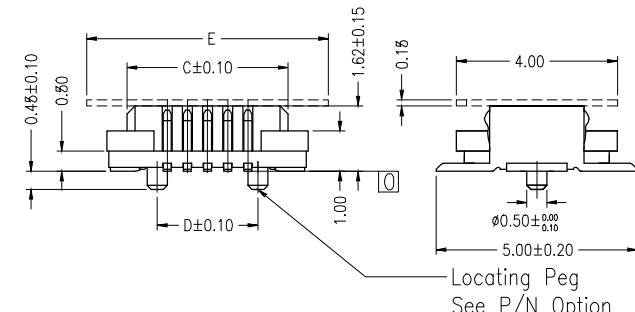
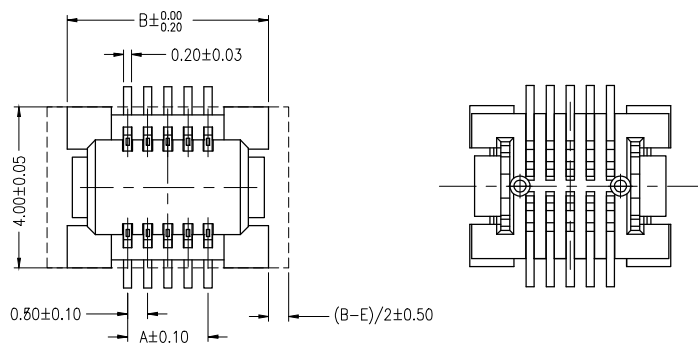


CIRCUITS	DIM A	DIM B	DIM C	DIM D	DIM E	W/O PEG	WITH PEG
10	2.00	5.00	3.85	2.50		⊕	⊕
12	2.50	5.50	4.35	3.00		⊕	⊕
14	3.00	6.00	4.85	3.50		⊕	⊕
16	3.50	6.50	5.35	4.00		⊕	⊕
18	4.00	7.00	5.85	4.50		⊕	⊕
20	4.50	7.50	6.35	5.00		⊕	⊕
22	5.00	8.00	6.85	5.50		⊕	⊕
24	5.50	8.50	7.35	6.00		⊕	⊕
26	6.00	9.00	7.85	6.50		⊕	⊕
28	6.50	9.50	8.35	7.00		⊕	⊕
30	7.00	10.00	8.85	7.50		⊕	⊕
32	7.50	10.50	9.35	8.00		⊕	⊕
34	8.00	11.00	9.85	8.50		⊕	⊕
36	8.50	11.50	10.35	9.00		⊕	⊕
38	9.00	12.00	10.85	9.50		⊕	⊕
40	9.50	12.50	11.35	10.00		⊕	⊕
42	10.00	13.00	11.85	10.50		⊕	⊕
44	10.50	13.50	12.35	11.00		⊕	⊕
46	11.00	14.00	12.85	11.50		⊕	⊕
48	11.50	14.50	13.35	12.00		⊕	⊕
50	12.00	15.00	13.85	12.50		⊕	⊕
52	12.50	15.50	14.35	13.00		⊕	⊕
54	13.00	16.00	14.85	13.50		⊕	⊕
56	13.50	16.50	15.35	14.00		⊕	⊕
58	14.00	17.00	15.85	14.50		⊕	⊕
60	14.50	17.50	16.35	15.00		⊕	⊕
62	15.00	18.00	16.85	15.50		⊕	⊕
64	15.50	18.50	17.35	16.00		⊕	⊕
66	16.00	19.00	17.85	16.50		⊕	⊕
68	16.50	19.50	18.35	17.00		⊕	⊕
70	17.00	20.00	18.85	17.50		⊕	⊕
72	17.50	20.50	19.35	18.00		⊕	⊕
74	18.00	21.00	19.85	18.50		⊕	⊕
76	18.50	21.50	20.35	19.00		⊕	⊕
78	19.00	22.00	20.85	19.50		⊕	⊕
80	19.50	22.50	21.35	20.00		⊕	⊕
82	20.00	23.00	21.85	20.50		⊕	⊕
84	20.50	23.50	22.35	21.00		⊕	⊕
86	21.00	24.00	22.85	21.50		⊕	⊕
88	21.50	24.50	23.35	22.00		⊕	⊕
90	22.00	25.00	23.85	22.50		⊕	⊕
92	22.50	25.50	24.35	23.00		⊕	⊕
94	23.00	26.00	24.85	23.50		⊕	⊕
96	23.50	26.50	25.35	24.00		⊕	⊕
98	24.00	27.00	25.85	24.50		⊕	⊕
100	24.50	27.50	26.35	25.00		⊕	⊕
120	29.50	32.50	31.35	30.00		⊕	⊕
140	34.50	37.50	36.35	35.00		⊕	⊕



SPECIFICATIONS

Current Rating: 0.5 Amps AC/DC Max.
 Insulator Resistance: 50 Megohms min.
 Contact Resistance: 20m ohm Max.
 Dielectric withstanding: AC 250V
 Voltage Rating: 50V
 Operating Temperature: -20°~+85°C
 Contact Material: Phosphor Bronze
 Insulator Material: High Temperature Thermoplastic, UL 94V-0
 Color: Black
 Finish: Gold Plated
 Standard: Gold Flash all over Nickel

MPES2-XX XX X X-FG

S=Straight
 NO. OF CONTACTS
 PLATING
 Definition Code
 ● Tin plated: VA
 ● Gold plated:
 flash VB 10μ* VE
 15μ* VF
 30μ* VJ
 ● Standard VB
 FG: RoHS Compliant
 Packaging:
 Null: Tube (w/o Film)
 K: Reel (w/o Film)
 C: Film & Reel
 F: Film & Tube
 0: w/o Locating Peg
 1: With Locating Peg

Diagram	Molding description
○	mass production & assemble mold
⊙	sample & assemble mold
⊕	mass production & fix mold
⊕	sample & fix mold

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GENERAL TOLERANCE UNLESS OTHERWISE SPECIFIED	
XXX. ± X	.XX ± 0.10
XX. ± X	.XXX ± X
X. ± 0.50	X.' ± 1"
.X ± 0.30	.X" ± X"



REV. A	DRAWN	09/15/09	MPES2 Series
DATE 09/15/09	CHECKED		0.5mm Board to Board Plug
SCALE As shown	APPROVED		PRODUCT NO. MPES2-XXXXXX-FG
UNIT mm		SIZE A4	FILE NAME MPES2-XXXXXX-FG.dwg