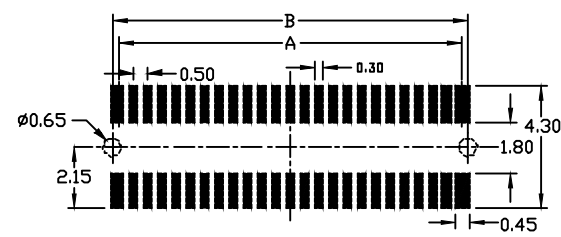
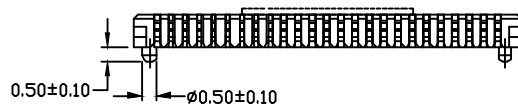
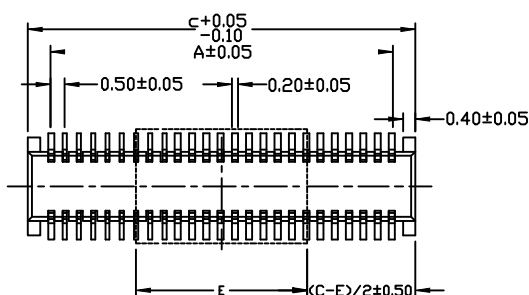
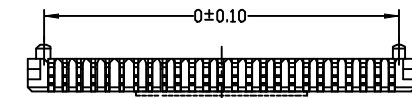


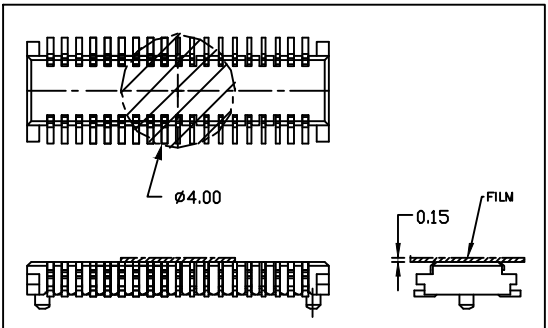
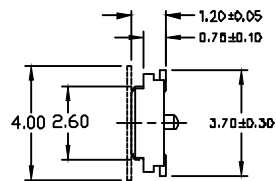
CIRCUITS	Dim A	Dim B	Dim C	w/o Locating Peg	w/o Locating Peg
6	1.00	2.60	1.50	⊕	
10	2.00	3.60	2.50	⊕	⊕
12	2.50	4.10	3.00		
14	3.00	4.60	3.50		
16	3.50	5.10	4.00		
18	4.00	5.60	4.50		
20	4.50	6.10	5.00		⊕
22	5.00	6.60	5.50		
24	5.50	7.10	6.00	⊕	⊕
26	6.00	7.60	6.50		
28	6.50	8.10	7.00		⊕
30	7.00	8.60	7.50		⊕
32	7.50	9.10	8.00		
34	8.00	9.60	8.50		⊕
36	8.50	10.10	9.00		
38	9.00	10.60	9.50		
40	9.50	11.10	10.00	⊕	⊕
42	10.00	11.60	10.50		
44	10.50	12.10	11.00		
46	11.00	12.60	11.50	⊕	
48	11.50	13.10	12.00		
50	12.00	13.60	12.50		⊕
52	12.50	14.10	13.00		
54	13.00	14.60	13.50		
56	13.50	15.10	14.00		
58	14.00	15.60	14.50		
60	14.50	16.10	15.00		⊕
70	17.00	18.60	17.50		
80	19.50	21.10	20.00		
A0(100)	24.50	26.10	25.00		⊕

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

PIN	FILM(E)
6PIN	3.0X5.2
18PIN	Ø4.0
18PIN	6.0X5.2



RECOMMENDED P.C.B LAYOUT (TOP VIEW)
(PCB TOLERANCE ±0.05)



SPECIFICATIONS

Current Rating: 8 Amps
 Insulator Resistance: 500 Megohms min.
 Voltage Rating: 125 VAC
 Dielectric withstanding: AC 1500V
 Operating Temperature: -40°C~+105°C
 Max Processing Temp: 250° for 5 seconds max
 Solder Pin: Brass with Tin Plating
 Insulator Material: UL 94V-0

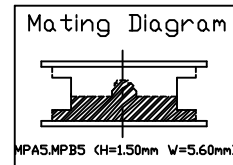
MPA5-XX XX X X X-FG

NO. OF CONTACTS

PLATING

Definition	Code
① Tin plated:	VA
② Gold plated:	
flash VB	10μ" VE
	15μ" VF
	30μ" VJ
③ Duplex Plating:	
flash VK	10μ" VP
	15μ" VN
	30μ" VU
④ Standard:	VB

FG: RoHS Compliant
 Color:
 3=Black
 D=Natural
 Packaging:
 Null: Tube (w/o Film)
 K:Reel(w/o Film)
 C:Film+Reel
 0:w/o Locating Peg
 1:With Locating Peg



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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
DATE	09/15/09	CHECKED	
SCALE	As shown	APPROVED	
UNIT	mm		

AP APTOS TECHNOLOGY

MPA5 Series
 0.5mm Board to Board Plug
 PRODUCT NO. MPA5-XXXXXXX-FG
 FILE NAME: MPA5-XXXXXXX-FG.dwg