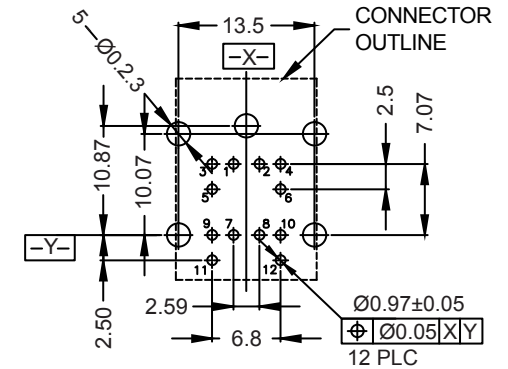
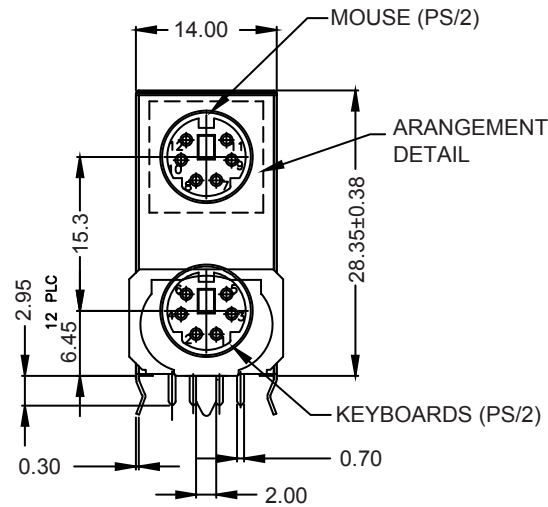
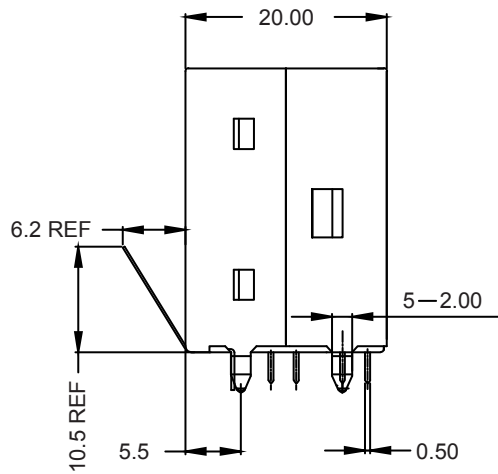
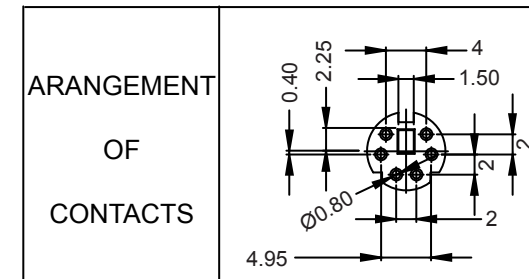
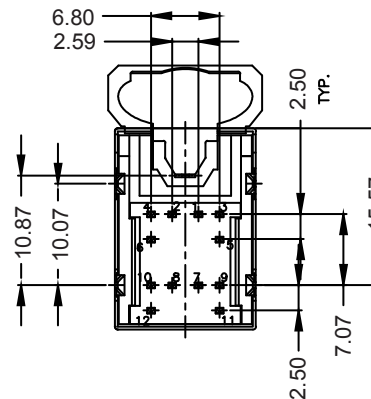




PCB LAYOUT
(BOTTOM VIEW)



ELECTRICAL:

CURRENT: 100VAC 1A MAX. / 12VDC 2A MAX.
CONTACT RESISTANCE: < 30m Ω
INSULATOR RESISTANCE: > 500M Ω AT 500VDC
DIELECTRIC WITHSTANDING VOLTAGE: 500VAC FOR 1 MIN.
OPERATING TEMPERATURE: -40° C TO +105° C

MATERIAL:

INSULATOR: THERMOPLASTIC PBT (UL94V-0)
CONTACT MATERIAL: PHOSPHOR BRONZE
CONTACT PLATING: GOLD ON CONTACT AREA
MATTE TIN ON SOLDER AREA ALL OVER 50u" NICKEL
SHIELD: COPPER ALLOY

MECHANICAL:

INSERTION FORCE: 4.5KG MAX.
WITHDRAWAL FORCE: 0.9~3KG
CONTACT RETENTION FORCE: 4Lb MIN.

HOW TO ORDER:

D 0 0 9 - D D 5 2 - X 0 X - Z

NUMBER OF CONTACTS:

B - 4 (TOP) B - 4 (BOTTOM)
D - 6 D - 6
F - 8 F - 8

INSULATOR COLOR:

1 - BLACK
2 - PC99 (Top: Green, Pantone #3395C
Bottom: Purple, Pantone #2715C)

SELECTIVE PLATING:

0 - Au FLASH CONTACT AREA/TIN TAIL
1 - 15u" Au CONTACT AREA/TIN TAIL
2 - 30u" Au CONTACT AREA/TIN TAIL

SHIELDING:

5 - FULLY SHIELDED W/ PANEL GROUND

RoHS COMPLIANT

Rev	Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC.	
0	A.M.	S.M.	S.M.	01/06/04		
A	G.T.	S.M.	S.M.	10/25/05	Stacked Mini Din Connector, Fully Shielded 6/6, With Front Panel Ground	
B	B.S.	S.M.	S.M.	10/08/09		
C	B.S.	S.M.	S.M.	03/13/16	PC99 or Black Insulator	
TOL. DEC. .X +/- 0.38 .XX +/- 0.25 .XXX +/- 0.13 ANGLE +/- 3° UNIT: mm					P/N: D009-DD52-X0X-Z	
					Pg: 1	