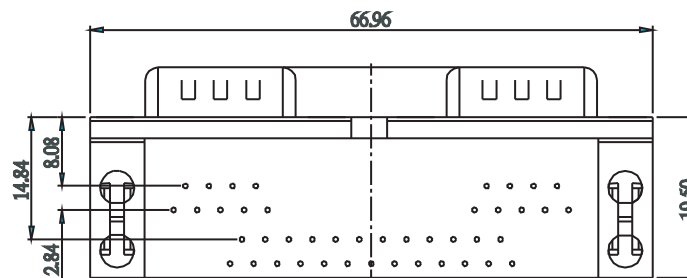


RECOMMENDED P C B LAYOUT



ELECTRICAL:

CURRENT RATING: 5A
 OPERATING VOLTAGE: 500V
 CONTACT RESISTANCE: < 35 Milliohm Max.
 INSULATION RESISTANCE: > 1000 Megaohm Min.
 DIELECTRIC WITHSTANDING VOLTAGE:
 500V (rms) for 1 Minute
 OPERATING TEMPERATURE: -55°C to +105°C

MATERIAL:

CONTACT MATERIAL: Phosphor Bronze
 INSULATOR: PBT UL94V-0 (PC 99 Color)
 SHELL PLATING: NICKEL
 CONTACT PLATING: Gold/Tin Plating, Thickness Optional
 BRACKET PLATING: Nickel

MECHANICAL:

CONTACT INSERTION FORCE: 12oz (Max)
 CONTACT SEPARATION FORCE: 0.75oz (Min)
 DURABILITY: 500 Mating Cycles Min.

HOW TO ORDER:

A 2 5 - D 2 A 1 A 1 - 4 2 3 X X - Z

TOP CONNECTOR CN1:
 D2 - DB25 FEMALE

BOTTOM CONNECTOR CN2:
 A1 - DB9 MALE

BOTTOM CONNECTOR CN3:
 A1 - DB9 MALE

HARDWARE:
 0 - w/OUT JACK SCREWS
 J - w/ JACK SCREWS

PLATING OVERALL:

0 - FULL Au FLASH
 4 - 10u" Au
 5 - 15u" Au
 7 - 30u" Au
 8 - FULL TIN

SELECTIVE PLATING:

1 - Au FLASH CONTACT AREA/TIN TAIL
 9 - 15u" Au CONTACT AREA/TIN TAIL
 A - 30u" Au CONTACT AREA/TIN TAIL

RoHS COMPLIANT

Rev	Drawn	Checked	Approved	Date
0	A.M.	S.M.	S.M.	11/07/03
A	D.H.	S.M.	S.M.	06/21/04
B	D.H.	S.M.	S.M.	07/08/04
C	S.M.	S.M.	S.M.	5/17/07

SMP TECHNOLOGY, INC.

SCALE:n/a Stacked D-Sub Connector, DB25F Top, DB9M & DB9M Bottom w/ PC 99 Color