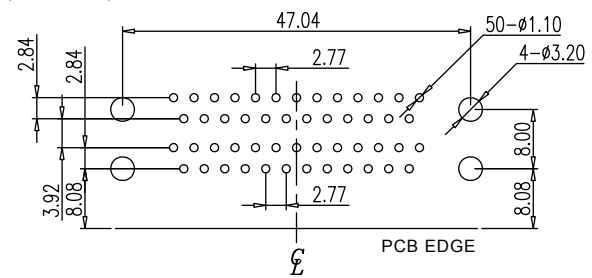
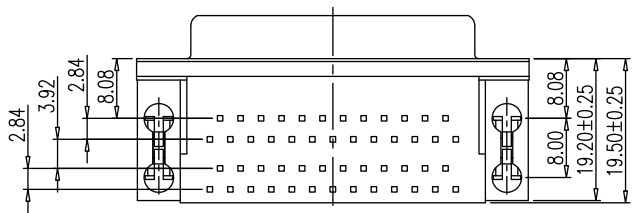


DISTANCES BETWEEN CONNECTORS (SEE TABLE)



DISTANCE BETWEEN CONNECTORS DIMENSION(mm)

OPTION	E	F
1	15.88	28.42
2	19.05	31.60
3	22.86	35.41

RECOMMENDED PCB LAYOUT

ELECTRICAL:

CURRENT RATING: 3A Per Contact
 VOLTAGE RATING: 300VDC
 OPERATING VOLTAGE: 500V
 CONTACT RESISTANCE:
 <25 Milliohm
 INSULATION RESISTANCE:
 5000 Megaohm Min. at 500VDC
 DIELECTRIC WITHSTANDING VOLTAGE:
 1000V (rms) for 1 Minute
 OPERATING TEMPERATURE: -55°C to +105°C

MATERIAL:

INSULATOR: THERMOPLASTIC
 W/ GLASS FIBER FILLED (UL94V-0)
 CONTACT: COPPER ALLOY
 SHELL: STEEL, NICKEL PLATED
 CONTACT PLATING: GOLD ON MATING SURFACE
 Sn ON TERMINATION END
 ALL OVER 50 μ" NICKEL

HOW TO ORDER:

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

TOP CONNECTOR CONTACT TYPE:
 1 - FEMALE
 2 - MALE

TOP CONNECTOR NUMBER OF CONTACTS:
 09, 15, 25

BOTTOM CONNECTOR CONTACT TYPE:
 1 - FEMALE
 2 - MALE

BOTTOM CONNECTOR NUMBER OF CONTACTS:
 09, 15, 25

DISTANCE BETWEEN CONNECTORS:
 SEE TABLE

MOUNTING OPTION:
 3 - SEE PAGE 2

HARDWARE:
 0 - W/OUT JACK SCREW
 J - W/ JACK SCREW (4.80)
 K - W/ JACK SCREW (5.80)

PLATING OVERALL:
 0 - FULL Au
 4 - 10u" Au
 5 - 15u" Au
 7 - 30u" Au
 8 - FULL TIN

SELECTIVE PLATING:
 1 - Au CONTACT AREA/TIN TAIL
 9 - 15u" Au CONTACT AREA/TIN TAIL
 A - 30u" Au CONTACT AREA/TIN TAIL

RoHS COMPLIANT

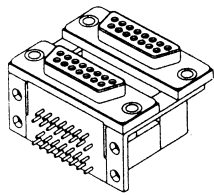
Rev	Drawn	Checked	Approved	Date
0 Issued	B.S.	S.M.	S.M.	07/19/18

SMP TECHNOLOGY, INC.
 Dual D-SUB CONNECTOR, 25 Position Female Over 25 Position Female, 4 Boardlocks

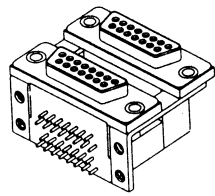
SCALE: N/A
 TOL. DEC. .X +/- 0.25 .XX +/- 0.20 .XXX +/-0.15 ANGLE +/- UNIT: mm

P/N:A24-125-125-1X3XX-Z Pg: 1 of 2

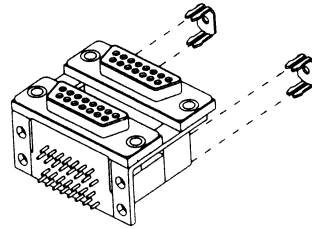
OPTION 1:
FOUR .125 DIAMETER
NON-THREADED
MOUNTING HOLES



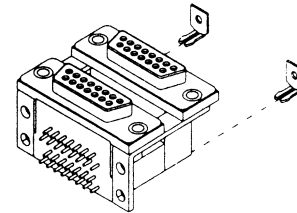
OPTION 2:
FOUR THREADED 4-40
MOUNTING HOLES



OPTION 3:
FOUR GROUNDING
BRACKETS



OPTION 4:
TWO GROUNDING
BRACKETS



SMP TECHNOLOGY, INC.

Dual D-SUB CONNECTOR, 25 Position Female Over 25 Position Female, 2 Boardlocks

P/N: A24-125-125-1X3XX-Z

Pg: 2