

DISTANCE BETWEEN CONNECTORS DIMENSION(mm)

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

ELECTRICAL:

CURRENT RATING: 5A
 VOLTAGE RATING: 300VDC
 OPERATING VOLTAGE: 500V
 CONTACT RESISTANCE:
 < 15 Milliohm Max.
 INSULATION RESISTANCE:
 > 1000 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: NICKEL PLATED STEEL
 CONTACT PLATING: GOLD ON MATING SURFACE
 Sn-Pb ON TERMINATION END
 ALL OVER 50 μ" NICKEL

HOW TO ORDER:

A 2 1 - 1 C 4 - 2 0 9 - 4 X X 0 X - Z

TOP CONNECTOR CONTACT TYPE:
 1 - FEMALE

BOTTOM CONNECTOR CONTACT TYPE:
 2 - MALE

DISTANCE BETWEEN CONNECTORS:
 SEE TABLE

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

RoHS COMPLIANT

TOP CONNECTOR NUMBER OF CONTACTS:
 C4 - High Density 15 Pos. (8.08x8.00) Footprint

BOTTOM CONNECTOR NUMBER OF CONTACTS:
 09

MOUNTING OPTION:
 SEE PAGE 2

HARDWARE:
 0 - Without Jack Screw
 J - With Jack Screw (4.80)
 K - With Jack Screw (5.80)

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

Rev	Drawn	Checked	Approved	Date
0 Issued	B.S.	S.M.	S.M.	02/18/15

SMP TECHNOLOGY, INC.

Stacked D-Sub Connector, 15 Position High Density Female Over 9 Position Male
 Fork Style Grounding Bracket to PCB

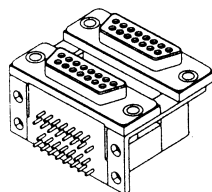
SCALE:n/a

TOL. DEC.	.X +/-0.25	.XX +/- 0.10	.XXX +/- 0.05	ANGLE +/-2°	UNIT: mm
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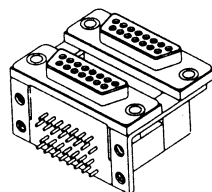
P/N: A21-1C4-209-4XX0X-Z

PCB MOUNTING OPTIONS:

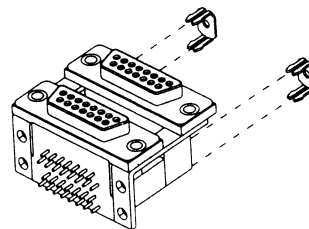
OPTION 1:
FOUR .125 DIAMETER
NON-THREADED
MOUNTING HOLES



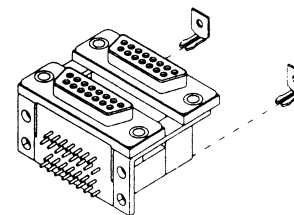
OPTION 2:
FOUR THREADED 4-40
MOUNTING HOLES



OPTION 3:
FOUR GROUNDING
BRACKETS



OPTION 4:
TWO GROUNDING
BRACKETS



Rev		Apv.	Date	SMP TECHNOLOGY, INC.
SCALE				MOUNTING OPTIONS
				SERIES: A 2 5