

**ELECTRICAL:**

CURRENT RATING: 3A  
 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 or Black  
 SHELL PLATING: NICKEL PLATED STEEL  
 CONTACT PLATING: Gold/Tin Plating, Thickness Optional

**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 C 2 - 4 2 4 0 X - 0 0 - Z**

**TOP CONNECTOR CN1:**  
 D2 - DB25 Female

**BOTTOM CONNECTOR CN2:**  
 A1 - DB9 Male

**BOTTOM CONNECTOR CN3:**  
 C2 - HD15 Female

**HARDWARE:**  
 0 - w/Out 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**  
 0 - Inline Boardlocks  
 0 - Black  
 1 - PC99

Rev	Drawn	Checked	Approved	Date	
0	Issued	B.S.	S.M.	S.M.	9/19/07

**SMP TECHNOLOGY, INC.**

Stacked D-Sub Connector, DB25F Top, DB9M & HD15F Bottom  
 With 2 Inline Boardlocks

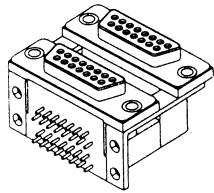
SCALE:n/a

TOL. DEC. .X +/-0.25 .XX +/- 0.15 .XXX +/- ANGLE +/-2° UNIT: mm

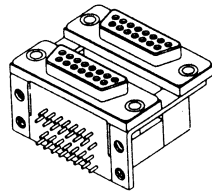
P/N: A25-D2A1C2-4240X-00-Z

Pg: 1

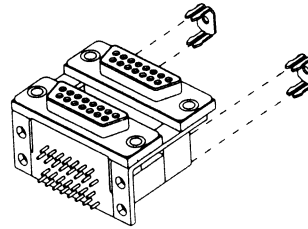
**OPTION 1:**  
 FOUR .125 DIAMETER  
 NON-THREADED  
 MOUNTING HOLES



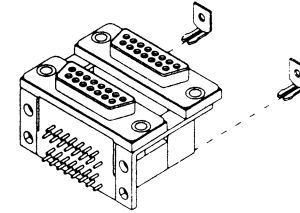
**OPTION 2:**  
 FOUR THREADED 4-40  
 MOUNTING HOLES



**OPTION 3:**  
 FOUR GROUNDING  
 BRACKETS



**OPTION 4:**  
 TWO GROUNDING  
 BRACKETS



Rev		Apv.	Date	<b>SMP TECHNOLOGY, INC.</b>
SCALE	MAT'L	FINISH	MOUNTING OPTIONS	
				SERIES: A 2 5
				Pg: 2