



- 1 MATERIAL:
FRONT INSULATOR: PBT, 30 %GF, UL94V-0, BLACK COLOR
BACK INSULATOR: PBT, 30 %GF, UL94V-0, BLACK COLOR
CONTACT: BRASS
FRONT SHELL: STEEL
BACK SHELL: STEEL
CLINCH NUTS: BRASS
- 2 FINISH:
CONTACT: GOLD PLATING 0.00002[.0000008] MIN ON CONTACT AREA 0.00229 [.000090] MIN TIN-LEAD PLATING ALL OVER 0.00127[.000050] MIN NICKEL
- 3 CONTACT: GOLD PLATING 0.00076[.000030] MIN ON CONTACT AREA 0.00229 [.000090] MIN TIN-LEAD PLATING ALL OVER 0.00127[.000050] MIN NICKEL
- 4 SHELL: TIN 0.0241[.000095] MIN FULL SHELL
- 5 SHELL: BLUE ZINC: 0.00508[.000200] - 0.00762[.000300] OVER ENTIRE SHELL
- 6 CONTACT: GOLD PLATING 0.00002[.0000008] MIN ON CONTACT AREA 0.00229 [.000090] MIN TIN-COPPER PLATING ALL OVER 0.00127[.000050] MIN NICKEL
- 7 CLINCH NUTS: NICKEL PLATING .00305-.00508[.000120-.000200]
- 8 SPECIFICATION
ELECTRICAL CHARACTERISTICS: CURRENT RATING: 3 AMPERES
DIELECTRIC WITHSTANDING VOLTAGE: AC 1000V r.m.s
INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM AT DC 500V
CONTACT RESISTANCE: 10 MILLIOHMS MAXIMUM.
- 9 ROHS 2002/95/EC COMPLIANT
- 10 PLUG ASSEMBLY MATES WITH ANY 25 POSITION RECEPTACLE IN AMPLIMITE SERIES
SOLDER CUP WILL ACCOMMODATE 20 MAX AWG WIRE.
- 11 CONTACT: GOLD PLATING 0.00076[.000030] MIN ON CONTACT AREA 0.00229[.000090] MIN TIN-COPPER ALL OVER 0.00127[.000050] MIN NICKEL PLATING

STANDARD	NO	NO	△	△	△	5-747912-4
STANDARD	YES	YES	△	△	△	5-747912-7
STANDARD	NO	YES	△	△	△	5-747912-5
STANDARD	NO	YES	△	△	△	5-747912-2
SUPERSEDED TO 5-747912-2	STANDARD	NO	YES	△	△	747912-8
SUPERSEDED TO 5-747912-7	STANDARD	YES	YES	△	△	747912-7
SUPERSEDED TO 5-747912-5	STANDARD	NO	YES	△	△	747912-5
SUPERSEDED TO 5-747912-4	STANDARD	NO	NO	△	△	747912-4
SUPERSEDED TO 5-747912-2	STANDARD	NO	YES	△	△	747912-2
	PACKAGING TYPE	CLINCH NUTS	GROUNDING INDENTS	CONTACTS	SHELLS	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRW: M. BINDER 03MAR03	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK: R. BENDORF 03MAR03	NAME: R. BENDORF 03MAR03	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICABLE SPEC: -		RESTRICTED TO: -
0 PLC ± -		SIZE: A2		SIZE CODE: 00779
1 PLC ± 0.25		DRAWING NO: C=747912		SCALE: 2:1
2 PLC ± 0.13		WEIGHT: -		SHEET: 1 of 1
3 PLC ± 0.08		MATERIAL: -		REV: T3
4 PLC ± ± ±		FINISH: -		
ANGLES ± ± ±		SEE TABLE		
MATERIAL: 1		CUSTOMER DRAWING		