



- 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: BRIGHT TIN 0.00241[.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 HOT DIPPED 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 37 POSITION RECEPTACLE IN AMPLIMITE SERIES
- 11 SOLDER CUP WILL ACCOMMODATE 20 MAX AWG WIRE.
- 12 CONTACT: GOLD PLATING 0.00076[.000030] MIN ON CONTACT AREA 0.00229[.000090] MIN HOT DIPPED TIN-COPPER ALL OVER 0.00127[.000050] MIN NICKEL PLATING
- 13 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

9	OBSOLETE	STANDARD	NO	NO	6	5	5-747916-4
13	OBSOLETE	STANDARD	YES	YES	6	4	5-747916-6
9	STANDARD	NO	YES	12	4	5-747916-5	
9	STANDARD	NO	YES	6	4	5-747916-2	
	SUPERSEDED TO 5-747916-2	STANDARD	NO	YES	6	4	747916-7
	SUPERSEDED TO 5-747916-6	STANDARD	YES	YES	2	4	747916-6
	SUPERSEDED TO 5-747916-5	STANDARD	NO	YES	3	4	747916-5
	SUPERSEDED TO 5-747916-4	STANDARD	NO	NO	2	5	747916-4
	SUPERSEDED TO 5-747916-2	STANDARD	NO	YES	2	4	747916-2
		PACKAGING TYPE	7	CLINCH NUTS			
				GROUNDING INDENTS			
				CONTACTS			
				SHELLS			
				PART NO.			

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN M. BINNER	04MAR03	<b>TE</b> TE Connectivity		
DIMENSIONS: mm [INCHES]		CHK R. BENDORF	05MAR03			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD R. BENDORF	05MAR03	NAME PLUG ASSEMBLY, SOLDER CUP, SIZE 4, 37 POSN, HD-20, AMPLIMITE		
0 PLC ± -		PRODUCT SPEC		SIZE		
1 PLC ± 0.25		APPLICATION SPEC		CAGE CODE	DRAWING NO	RESTRICTED TO
2 PLC ± 0.13				A2	00779	C=747916
3 PLC ± 0.05				SCALE 2:1 SHEET 1 OF 1 REV W		
4 PLC ± -						
ANGLES ± 4°						
MATERIAL		FINISH	SEE TABLE			
1						