



- 1 FOR USE WITH 2.36 [.093] MINIMUM THICK PRINTED CIRCUIT BOARD. REFER TO APPLICATION SPECIFICATION FOR PRINTED CIRCUIT BOARD LAYOUT DIMENSIONS AND FINISH RECOMMENDATIONS.
- 2 HOUSING: NYLON, UL 94V-0 RATED, BLACK.
- 3 CONTACTS: COPPER ALLOY
- 4 SHELL: CARBON STEEL
- 5 INSERTS: BRASS.
- 6 SHELL: 5.08µm [.000200] MIN TIN OVER 2.54µm [.000100] MIN COPPER.
- 7 CONTACTS:  
0.76 MICRO METERS [.000030] MINIMUM GOLD IN MATING AREA.  
2.54 MICRO METERS [.000100] MINIMUM TIN ON COMPLIANT PIN.  
ALL OVER 1.27 MICRO METERS [.000050] MINIMUM NICKEL.  
OR  
GOLD FLASH OVER PALLADIUM NICKEL.  
0.76 MICRO METERS [.000030] MINIMUM TOTAL IN MATING AREA.  
2.54 MICRO METERS [.000100] MINIMUM TIN ON COMPLIANT PIN.  
ALL OVER 1.27 MICRO METERS [.000050] MINIMUM NICKEL.
- 8 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.

5786830-1  
PART NO

**COPYRIGHT 2005  
TYCO ELECTRONICS CORP  
ALL RIGHTS RESERVED**

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DIN L VARELA - DOCKS 03-31-05	5786830-1	
DIMENSIONS: INCHES		CHK S BOLASH 03-31-05	TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M WALMSLEY 03-31-05	PLUG ASSEMBLY, SIZE 1, 9 POSITION, MEDIUM PROFILE, ACTION PIN, AMPLIMITE HD-20	
0' PLC ± -	1' PLC ± -	NAME	108-40014	
2' PLC ± 0.13 [.005]	3' PLC ± -	PRODUCT SPEC	108-40014	
4' PLC ± -	ANGLES ± -	APPLICATION SPEC	114-40026	
MATERIAL	FINISH	SIZE	CAGE CODE	DRAWING NO
2 3 4 5	6 7	A1	00779	5786830
RESTRICTED CUSTOMER		WEIGHT	SCALE	SHEET
			4:1	1 OF 1