



- 1 HOUSING: POLYESTER, BLACK.
- 2 FRONT SHELL: CARBON STEEL PER ASTM E45.
- 3 REAR SHELL & CLINCH NUTS: CARBON STEEL PER ASTM A109.
- 4 CONTACTS: PHOSPHOR BRONZE.
- 5 FRONT & REAR SHELL: 5.08µm [.000200] MIN TIN OVER 2.54µm [.000100] MIN COPPER.
- 6 CONTACTS: GOLD PLATED FOR A LENGTH OF 3.81 (.150) MIN FROM MATING END, 1.27µm (.000050) MIN GOLD IN MATED AREA, 2.54-5.08µm (.000100-.000200) MATTE TIN IN AREA SHOWN, ALL OVER 1.27µm (.000050) MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.
 OR
 GOLD PLATE FOR A LENGTH OF 3.81 (.150) MIN FROM MATING END, GOLD FLASH OVER PALLADIUM-NICKEL, 1.27µm (.000050) MIN TOTAL IN MATED AREA, 2.54-5.08µm (.000100-.000200) MATTE TIN IN AREA SHOWN, ALL OVER 1.27µm (.000050) MIN NICKEL UNDERPLATE ON ENTIRE CONTACT.
- 7 CLINCH NUTS: ZINC, CLEAR CHROMATE.
- 8 NUMBER ON CONTACT INDICATES #22-26 AWG WIRE RANGE.
- 9 CONTACT INSULATION RANGE: 1.52 [.060] MAXIMUM O.D.

5787137-1
 PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: G. ATTADIA - 11-12-04 CHK: J. GERACE - 11-12-04	Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APRD: M. WALMSLEY - 11-12-04	NAME: PLUG ASSEMBLY, SIZE 4, 37 POSITION, METAL SHELL, WITH CLINCH NUTS, AMPLIMITE HDE-20
	0 PLC ± -	PRODUCT SPEC: 108-40011	SIZE: A1
	1 PLC ± -	APPLICATION SPEC: 114-40002	CAGE CODE: 00779
	2 PLC ± 0.13 [.005]	RESTRICTED TO: -	SCALE: 4:1
	3 PLC ± -	WEIGHT: -	SHEET: 1 OF 1
	4 PLC ± -	CUSTOMER DRAWING	REV: B
	ANGLES ± °		
MATERIAL:	FINISH:		