



- 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 OR POLYESTER, UL 94V-0 RATED, GLASS FILLED, BLACK.
- ③ CONTACTS: COPPER ALLOY.
- ④ SHELL: CARBON STEEL.
- ⑤ GOLD FLASH IN MATING AREA. 2.54 MICROMETERS [.000100] MINIMUM TIN OR TIN-LEAD ON COMPLIANT PIN. ALL OVER 1.27 MICROMETERS [.000050] MINIMUM NICKEL.
- ⑥ SHELL: 5.08 μm [.000200] MIN TIN OVER 2.54 μm [.000100] MIN COPPER.
- ⑦ 0.76 MICROMETERS [.000030] MIN GOLD IN MATING AREA. 2.54 MICROMETERS [.000100] MIN TIN OR TIN-LEAD ON COMPLIANT PIN. ALL OVER 1.27 MICROMETERS [.000050] MIN NICKEL.
 OR
 GOLD FLASH OVER PALLADIUM NICKEL. 0.76 MICROMETERS [.000030] MIN TOTAL IN MATING AREA. 2.54 MICROMETERS [.000100] MIN TIN OR TIN-LEAD ON COMPLIANT PIN. ALL OVER 1.27 MICROMETERS [.000050] MIN NICKEL.
- ⑧ DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

	⑦	747089-2
SUPERSEDED BY 747089-2	⑤	747089-1
	CONTACT FINISH	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN C. OBERMAN 05/15/92	STE TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK R. STONE 06/17/92	NAME PERCHERKE/PARKER	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 06/2/92	PRODUCT SPEC	
0 PLC	± -	APPLICATION SPEC	108-40014	
1 PLC	± -	SIZE	A1	
2 PLC	± 0.13 [.005]	WEIGHT	-	
3 PLC	± -	CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 1 REV M	
4 PLC	± -			
ANGLES	± -			
MATERIAL	FINISH			