



- 1 FOR USE WITH .093 MINIMUM THICK PRINTED CIRCUIT BOARD. REFER TO APPLICATION SPECIFICATION FOR PRINTED CIRCUIT BOARD LAYOUT DIMENSIONS AND FINISH RECOMMENDATIONS.
- 2 SHELL: .0002 MIN TIN OVER .000100 MIN COPPER  
SCREWLOCKS: CLEAR CHROMATE
- 3 HOUSING: FLAME RETARDANT, UL 94V-0, RATED THERMOPLASTIC; COLOR: BLACK  
CONTACTS: COPPER ALLOY  
SHELL: CARBON STEEL  
SCREWLOCKS: ZINC ALLOY
- 4 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.

5747145-2  
PART NO

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THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DIN A. FERNANDEZ-DOCKS 03-31-05	TE Connectivity	
DIMENSIONS: INCHES		CHK S. BOLASH 03-31-05	NAME RCPT ASSY, SIZE 5, 50 POSN, AMPLIMITE HD-20, MDM PROFILE, W/ ACTION PIN CONT & METAL SHELL.	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± °		APVD M. WALMSLEY 03-31-05	PRODUCT SPEC 108-40014	
MATERIAL		APPLICATION SPEC 114-40026	SIZE A1	RESTRICTED TO
FINISH		WEIGHT	CAGE CODE 00779	DRAWING NO 5747145
3		CUSTOMER DRAWING		SCALE 4:1 SHEET 1 OF 1 REV C