



$\triangle 10$ $\triangle 5$ PRINTED CIRCUIT BOARD MOUNTING DIMENSIONS

- $\triangle 1$ ALL DIMENSIONS SHOWN ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
- $\triangle 2$ MATERIAL: HOUSING - POLYPHENYLENE OXIDE, BLACK. SHIELD - CARBON STEEL PLATED WITH .000200 [5.08 μ m] MINIMUM NICKEL. TERMINALS - PHOSPHOR BRONZE PLATED WITH .000030 [0.76 μ m] MINIMUM GOLD PLATE IN LOCALIZED PLATE AREA OVER .000050 [1.27 μ m] MINIMUM ELECTROLESS NICKEL. RETAINER - POLYETHYLENE, NATURAL INSERTS - BRASS, PLATED WITH .000100 [2.54 μ m] MINIMUM BRIGHT ZINC. 5556622-2 PLATED WITH TIN .000100-.000180 [2.54 μ m-4.57 μ m] THICK ON ACTION PIN AREA.
- 3. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.
- $\triangle 4$ OPTIONAL MOUNTING HOLE FOR SELF-TAPPING SCREW.
- $\triangle 5$ ALL PLATED-THRU HOLES SHALL BE PER AMP SPEC 115-6072.
- 6. FOR NON-PANEL MOUNT APPLICATIONS USE BAIL LOCK HARDWARE KIT NO. 556614-1.
- 7. CENTER-TO-CENTER SPACING OF TERMINALS IS .085 NOMINAL.
- 8. DIMENSIONS IN [] ARE MILLIMETERS.
- $\triangle 9$ GROUND TABS (8) PLACES.
- $\triangle 10$ 50 LBS MINIMUM FORCE REQUIRED TO UNSEAT CONNECTOR FROM PRINTED CIRCUIT BOARD WITHOUT USE OF HARDWARE.
- $\triangle 11$ RETAINER MUST REMAIN INSTALLED UNTIL AFTER CONNECTOR HAS BEEN INSERTED INTO PCB HOLES.

Sn	5556622-2
Au	5556622-1
PIN PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S2	MCMMASTER	16AUG05	tyco Electronics	Tyco Electronics Corporation Harrisburg, Pa 17105-3608			
DIMENSIONS: INCHES(mm)		CHK W	MILLHIMES	16AUG05		NAME	RECEPTACLE ASSEMBLY, 64 POSITION, SHIELDED, ACTION PIN, WITH 4-40 HOLES		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APRD M	WALMSLEY	16AUG05	PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
0 PLC ± - $\triangle 1$				APPLICATION SPEC		SCALE	2:1	SHEET	1 OF 1
1 PLC ± -				MATERIAL		WEIGHT	-	A1	00779
2 PLC ± -				FINISH		CUSTOMER DRAWING	SCALE	2:1	SHEET
3 PLC ± -									
4 PLC ± -									
ANGLES ± -									