



$\triangle 10$   $\triangle 5$  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 $\mu$ m] MINIMUM NICKEL. TERMINALS - PHOSPHOR BRONZE PLATED WITH .000030 [0.76 $\mu$ m] MINIMUM GOLD PLATE IN LOCALIZED PLATE AREA OVER .000050 [1.27 $\mu$ m] MINIMUM ELECTROLESS NICKEL. RETAINER - POLYETHYLENE, NATURAL INSERTS - BRASS, PLATED WITH .000100 [2.54 $\mu$ m] MINIMUM BRIGHT ZINC. 5556622-2 PLATED WITH TIN .000100-.000180 [2.54 $\mu$ m-4.57 $\mu$ 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	<b>tyco</b> Electronics	Tyco Electronics Corporation Harrisburg, Pa 17105-3608			
DIMENSIONS: INCHES(mm)		CHK W	MILLHIMES	16AUG05		NAME M. WALMSLEY	RECEPTACLE ASSEMBLY, 64 POSITION, SHIELDED, ACTION PIN, WITH 4-40 HOLES		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		0 PLC	$\pm$	-	PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		1 PLC	$\pm$	-	APPLICATION SPEC	WEIGHT	-	A1 00779	©=5556622
		2 PLC	$\pm$	-		CUSTOMER DRAWING	SCALE	2:1	SHEET
		3 PLC	$\pm$	-				1	OF 1
		4 PLC	$\pm$	-					REV
		ANGLES	$\pm$	-					0
		FINISH	$\pm$	-					