



PRINTED CIRCUIT BOARD MOUNTING DIMENSIONS

- 1. MATERIAL: HOUSING - POLYESTER MOLDING COMPOUND BLACK.  
TERMINAL - COPPER ALLOY PLATED WITH 0.76µm [.000030] MINIMUM THICK GOLD ON MATING SURFACE AND 2.54µm [.000100] MINIMUM THICK MATTE TIN-LEAD ACTION PIN AREA OVER 1.27µm [.000050] MINIMUM THICK NICKEL UNDERPLATE OVER ENTIRE TERMINAL.  
RETAINER - POLYETHYLENE, NATURAL.
- 2. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.
- 3. ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY UNLESS OTHERWISE SPECIFIED.
- 4. RETAINER MUST REMAIN INSTALLED UNTIL AFTER CONNECTOR HAS BEEN INSERTED INTO PCB HOLES.
- 5. OPTIONAL MOUNTING HOLE FOR SELF-TAPPING SCREW.
- 6. CENTER-TO-CENTER SPACING OF TERMINALS IS 2.16 [.085] NOMINAL.
- 7. ALL PLATED-THRU HOLES SHALL BE PER AMP SPEC 115-6072.
- 8. THRU HOLE ON HOUSING FLANGE INDICATES POSITION 1 LOCATION.

4-40 UNC-2B	74.83 [2.946]	83.31 [3.280]	50	1116641-4
HOLE SIZE	DIM. B	DIM. A	POSITION	PART NUMBER

DATE	16 JUN 99	BY	DL DRUMMOND
CHK	18 JUN 99	BY	FK
DATE	18 JUN 99	BY	FK
DATE	18 JUN 99	BY	FK

AMP INCORPORATED	
Harrisburg, PA 17105-3608	
<b>AMP</b>	
PLUG ASSEMBLY, 50 POSITION, ACTION PIN, CHAMP-LOK	
SIZE	A2
DATE CODE	00779
DRAWING NO	1116641
RESTRICTED TO	
CUSTOMER DRAWING	
SCALE	2:1
SHEET	1 OF 1
REV	B