



PC BOARD MOUNTING DIMENSIONS $\triangle 3$
SCALE 8:1

- $\triangle 1$ HOUSING & PIN SPACER: BLACK, THERMOPLASTIC, UL 94V-0 RATED, SUITABLE FOR IR AND VAPOR PHASE REFLOW SOLDERING. INSERT: NATURAL, THERMOPLASTIC, UL 94V-0 RATED, SUITABLE FOR IR AND VAPOR PHASE REFLOW SOLDERING. SHELL: STEEL. CONTACTS: PHOSPHOR BRONZE. BOARDLOCKS: BRASS.
- $\triangle 2$ SHELL: 5 μ m MIN NICKEL OVER 2.5 μ m MIN COPPER. CONTACTS: 0.076 μ m MIN GOLD OVER 0.76 μ m MIN PALLADIUM NICKEL ON MATING END, 3.75 μ m MIN BRIGHT TIN-LEAD ON OPPOSITE END, BOTH OVER 1.27 μ m MIN NICKEL. BOARDLOCKS: 3.75 μ m MIN BRIGHT TIN-LEAD OVER 1.27 μ m MIN NICKEL.
- $\triangle 3$ BOARDLOCK DESIGNED FOR USE ON 1.60 ± 0.15 THICK PC BOARD WITH PLATED THRU MOUNTING HOLES.
- $\triangle 4$ RECEPTACLE ASSEMBLY DESIGNED FOR USE WITH 1.12 ± 0.08 THICK PANEL.
- $\triangle 5$ DATUMS AND DIMENSION ESTABLISHED BY CUSTOMER.
- $\triangle 6$ CONNECTOR MUST BE SECURELY MOUNTED TO PC BOARD WITH TWO BOARDLOCKS PRIOR TO REFLOW SOLDERING.
- $\triangle 7$ POSITION TOLERANCE APPLIES AT CONTACT TIP ONLY.
- $\triangle 8$ PRELIMINARY - NOT RELEASED FOR PRODUCTION.

$\triangle 1$	3.55	787254-2
$\triangle 2$	2.08	787254-1
F		PART NO

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING DEPARTMENT SHALL BE CONTACTED FOR THE LATEST REVISION. DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± .01 1 PLC ± .015 2 PLC ± .02 3 PLC ± .025 4 PLC ± .03 5 PLC ± .04 6 PLC ± .05 7 PLC ± .06 8 PLC ± .07 9 PLC ± .08 ANGLES FINISH ± .1°		DATE: 06/02/94 DWG: LLSIPE CHK: T SPANGLER DATE: 2-13-95 DWG: T SPANGLER DATE: 2-13-95 PRODUCT SPEC: 108-1471 APPLICATION SPEC:	AMP Incorporated Harrisburg, PA 17105-3608 RECEPTACLE ASSEMBLY, SHIELDED, RIGHT ANGLE, 68 POSITION, HIGH PROFILE, THRU-HOLE LEADS, 0.8mm, CHAMP SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=787254 SCALE: 4:1 SHEET: 1 OF 1 REV: F
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