DRAWING MADE IN THIRD ANGLE PROJECTION
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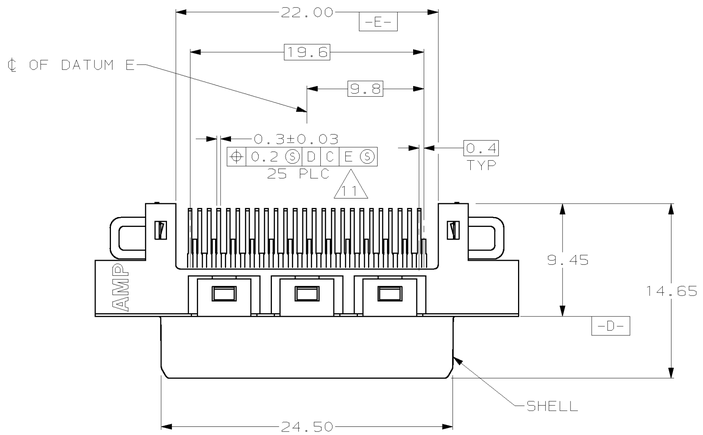
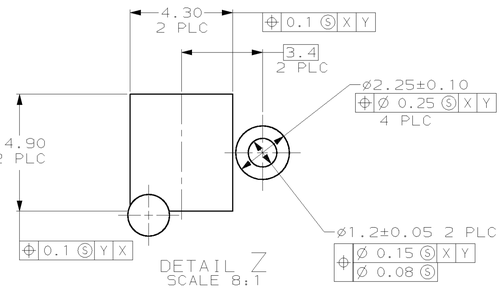
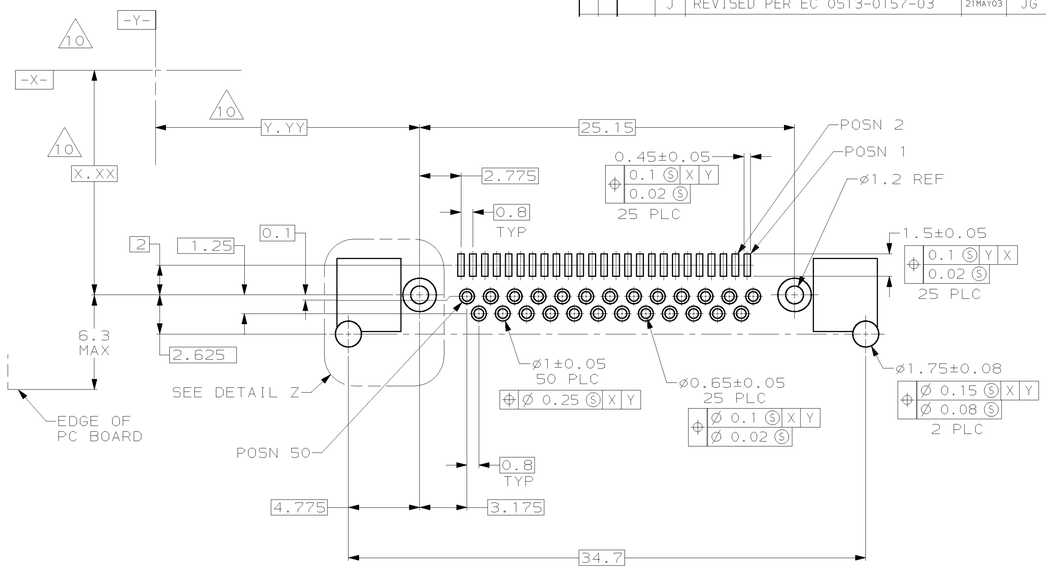
LOC	DIST	P	F
GP	00		

REVISIONS

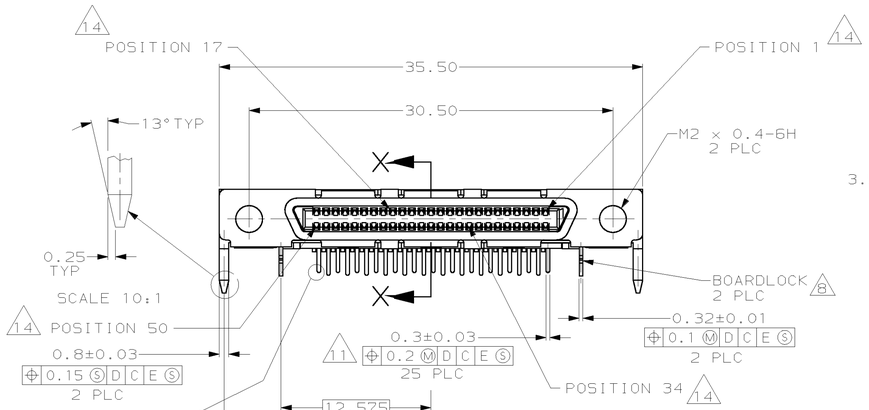
ZONE	LTR	DESCRIPTION	DATE	APPD
	J	REVISED PER EC 0513-0157-03	21MAY03	JG

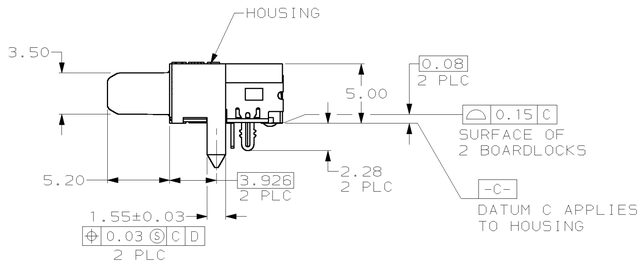


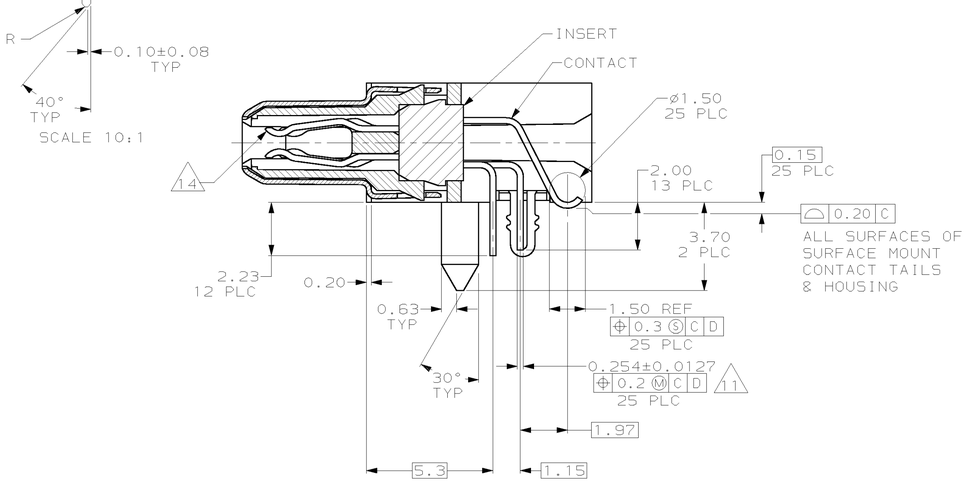




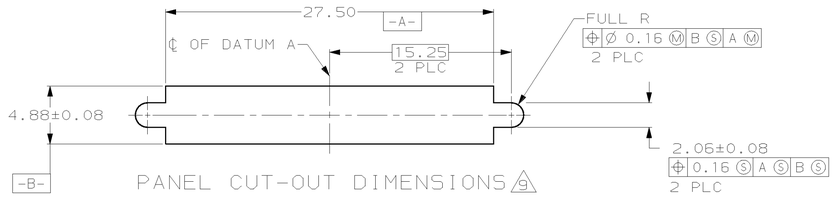
PC BOARD MOUNTING DIMENSIONS 8
SCALE 5:1







SECTION X-X
SCALE 8:1
BOARDLOCK REMOVED



PANEL CUT-OUT DIMENSIONS 9

1. THERMOPLASTIC, UL 94V-0 RATED, BLACK, SUITABLE FOR IR AND VAPOR PHASE REFLOW SOLDERING.
2. STEEL.
3. PHOSPHOR BRONZE.
4. BRASS.
5. 5µm MIN NICKEL OVER 2.5µm MIN COPPER.
6. 0.076µm MIN GOLD OVER 0.76µm MIN PALLADIUM NICKEL ON MATING END, 3.75µm MIN BRIGHT TIN-LEAD ON OPPOSITE END, BOTH OVER 1.27µm MIN NICKEL.
7. 3.75µm MIN BRIGHT TIN-LEAD OVER 1.27µm MIN NICKEL.
8. BOARDLOCK DESIGNED FOR USE ON 1.6±0.15 THICK PC BOARD WITH PLATED THRU MOUNTING HOLES.
9. RECEPTACLE ASSEMBLY DESIGNED FOR USE WITH 1.12±0.08 THICK PANEL.
10. DATUMS AND DIMENSION ESTABLISHED BY CUSTOMER.
11. POSITION TOLERANCE APPLIES AT CONTACT TIP ONLY.
12. CONNECTOR MUST BE SECURELY MOUNTED TO PC BOARD WITH TWO BOARDLOCKS PRIOR TO REFLOW SOLDERING.
13. THERMOPLASTIC, UL 94V-0 RATED, NATURAL, SUITABLE FOR IR AND VAPOR PHASE REFLOW SOLDERING.
14. CONTACTS SHOWN IN POSITIONS 1,17,34 AND 50 WILL MATE FIRST, BREAK LAST RELATIVE TO ALL OTHER CONTACTS.
15. 3.75µm MIN BRIGHT TIN OVER 1.27µm MIN NICKEL.

15	787096-2
7	787096-1
BOARDLOCK FINISH	PART NO

DO NOT SCALE PRINT.
UNLESS SPECIFIED
DIMENSIONS IN mm
TOLERANCES ON :
2 PLC DEC ±0.13
3 PLC DEC ± -
ANGLES ± 1°

MATERIAL
HOUSING: 1 INSERT: 13
CONTACTS: 3 SHELL: 2
BOARDLOCK: 4

FINISH
SHELL: 5
CONTACTS: 6
BOARDLOCK: SEE TABLE

DR 07/12/93 L.SIPE
CHK 08/11/93 J.CONSOLI
APPD 10/04/94 T.SPANGLER
APPD 10/04/94 R.KRAUS
PRODUCT SPEC 108-1471
APPLICATION SPEC -
WEIGHT -

AMP Incorporated
Harrisburg, PA 17105-3608

NAME
RECEPTACLE ASSEMBLY,
SHIELDED, RIGHT ANGLE, 50 POSITION,
LOW PROFILE, HYBRID LEADS, 0.8mm CHAMP

SIZE	CAGE CODE	DRAWING NO
D	00779	C-787096

SCALE 4:1 SHEET 1 OF 1

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CUSTOMER DRAWING