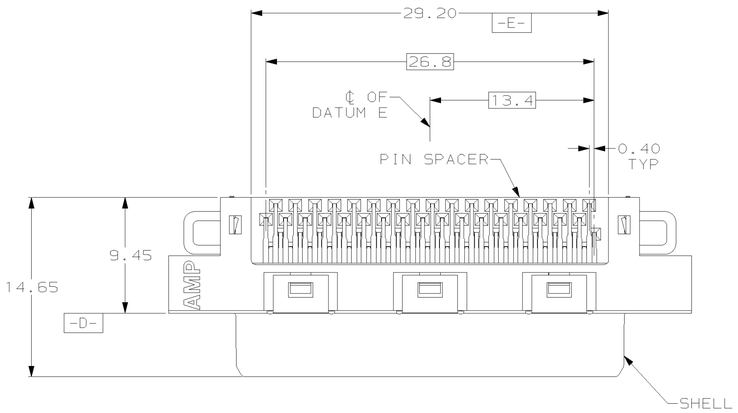
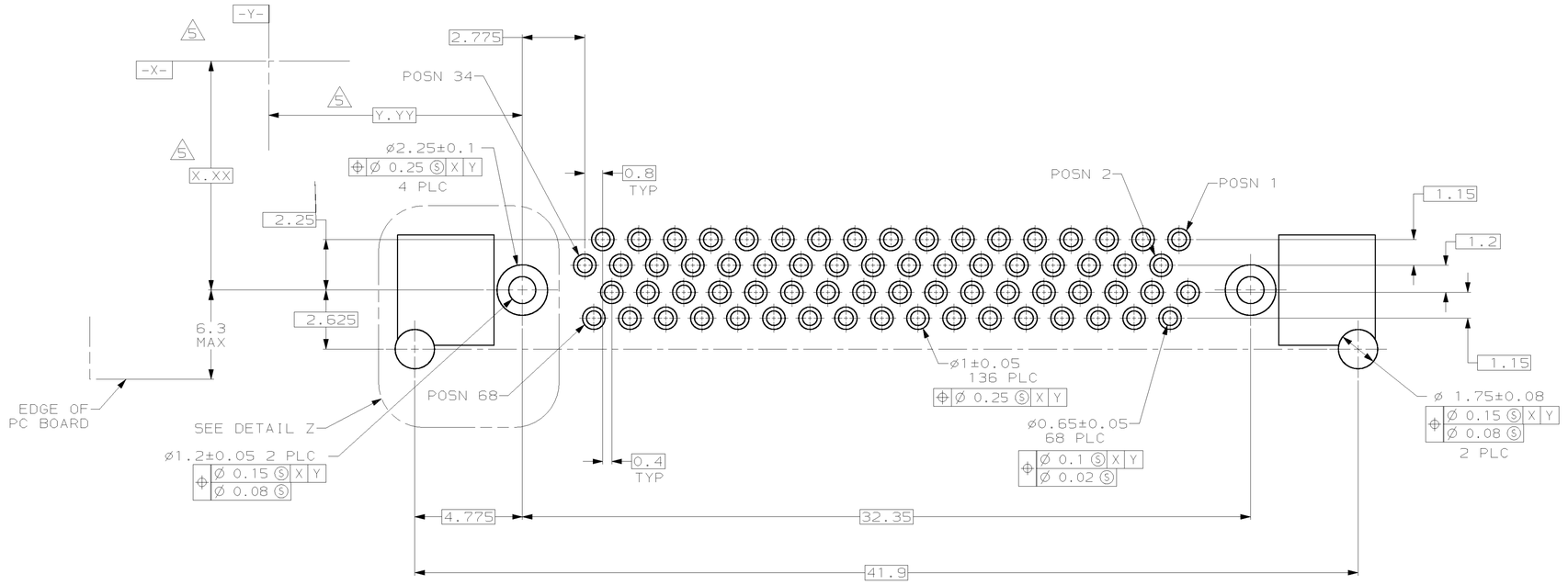
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION ,19 .
© COPYRIGHT 19 BY AMP INCORPORATED. ALL RIGHTS RESERVED.

LOC	DIST
GP	00

REVISIONS

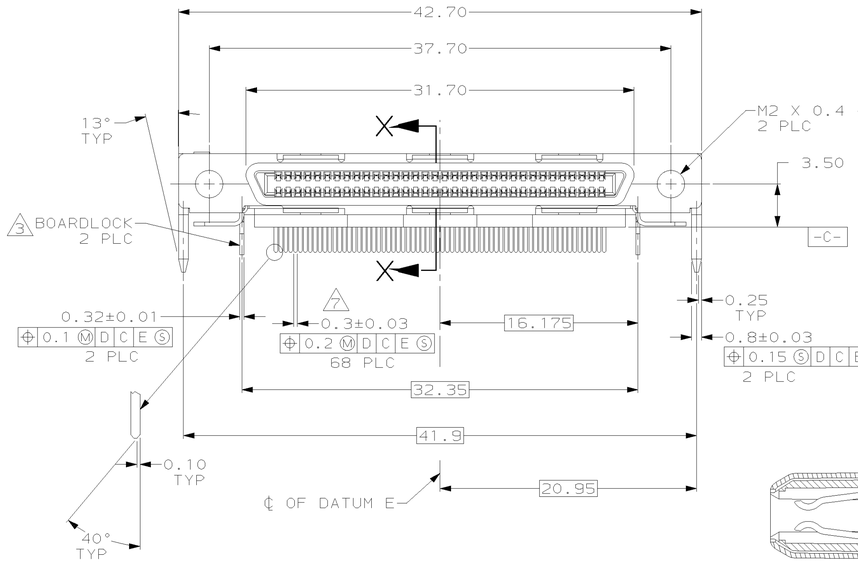
P	LTR	DESCRIPTION	DATE	DWN	APVD
	J	REVISED PER EC 0513-0157-03	21MAY03	JG	CF



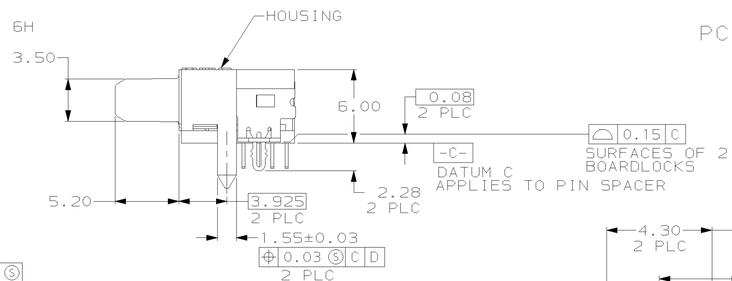


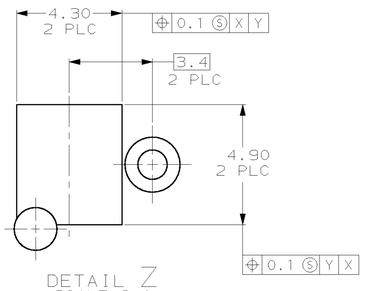
PC BOARD MOUNTING DIMENSIONS 3

SCALE 8:1

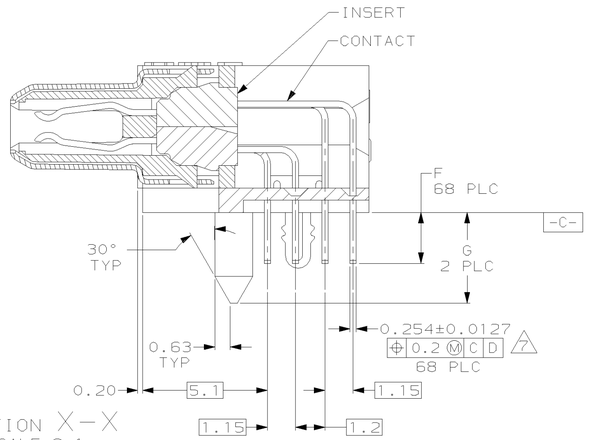


SCALE 10:1

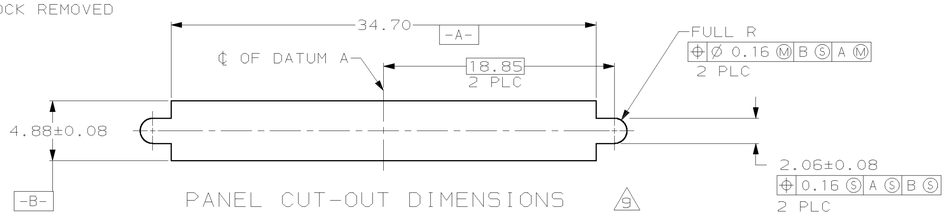




DETAIL Z
SCALE 8:1



SECTION X-X
SCALE 8:1
BOARDLOCK REMOVED



PANEL CUT-OUT DIMENSIONS 9

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.
2. SHELL: 5µm MIN NICKEL OVER 2.5µm MIN COPPER.
   CONTACTS: 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.
   BOARDLOCKS: 3.75µm MIN BRIGHT TIN-LEAD OVER 1.27µm MIN NICKEL.
3. BOARDLOCK DESIGNED FOR USE ON 1.60±0.15 THICK PC BOARD WITH PLATED THRU MOUNTING HOLES.
4. RECEPTACLE ASSEMBLY DESIGNED FOR USE WITH 1.12±0.08 THICK PANEL.
5. DATUMS AND DIMENSION ESTABLISHED BY CUSTOMER.
6. CONNECTOR MUST BE SECURELY MOUNTED TO PC BOARD WITH TWO BOARDLOCKS PRIOR TO REFLOW SOLDERING.
7. POSITION TOLERANCE APPLIES AT CONTACT TIP ONLY.
8. PRELIMINARY - NOT RELEASED FOR PRODUCTION.
9. SHELL: 5µm MIN NICKEL OVER 2.5µm MIN COPPER.
   CONTACTS: 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.
   BOARDLOCKS: 3.75µm MIN BRIGHT TIN OVER 1.27µm MIN NICKEL.

9	3.70	2.08	787254-4
8 2	2.75	2.08	787254-3
8 2	3.70	3.55	787254-2
2	3.70	2.08	787254-1
FINISH	G	F	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.13
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL 1
FINISH SEE TABLE

DWN L.SIPE 06/02/94
CHK T.SPANGLER 2-13-95
APVD T.SPANGLER 2-13-95
PRODUCT SPEC 108-1471
APPLICATION SPEC –
WEIGHT –
CUSTOMER DRAWING

AMP Incorporated
Harrisburg, PA 17105-3608

NAME RECEPTACLE ASSEMBLY, SHIELDED, RIGHT ANGLE, 68 POSITION, HIGH PROFILE, THRU-HOLE LEADS, 0.8mm, CHAMP

SIZE	CAGE CODE	DRAWING NO
A1	00779	C-787254

SCALE 4:1 SHEET 1 OF 1 REV J

AMP 4805 REV 10/93