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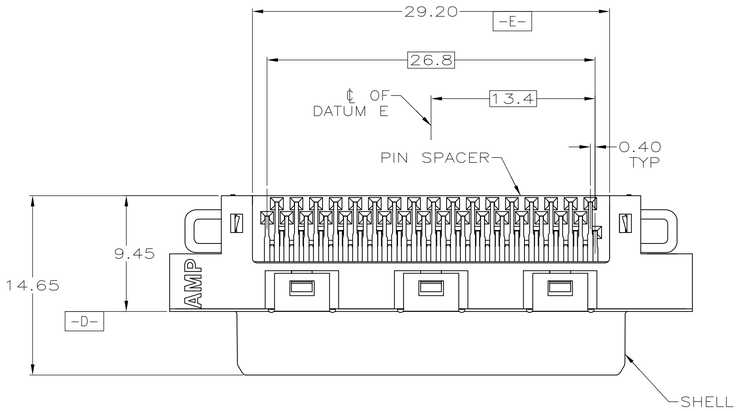
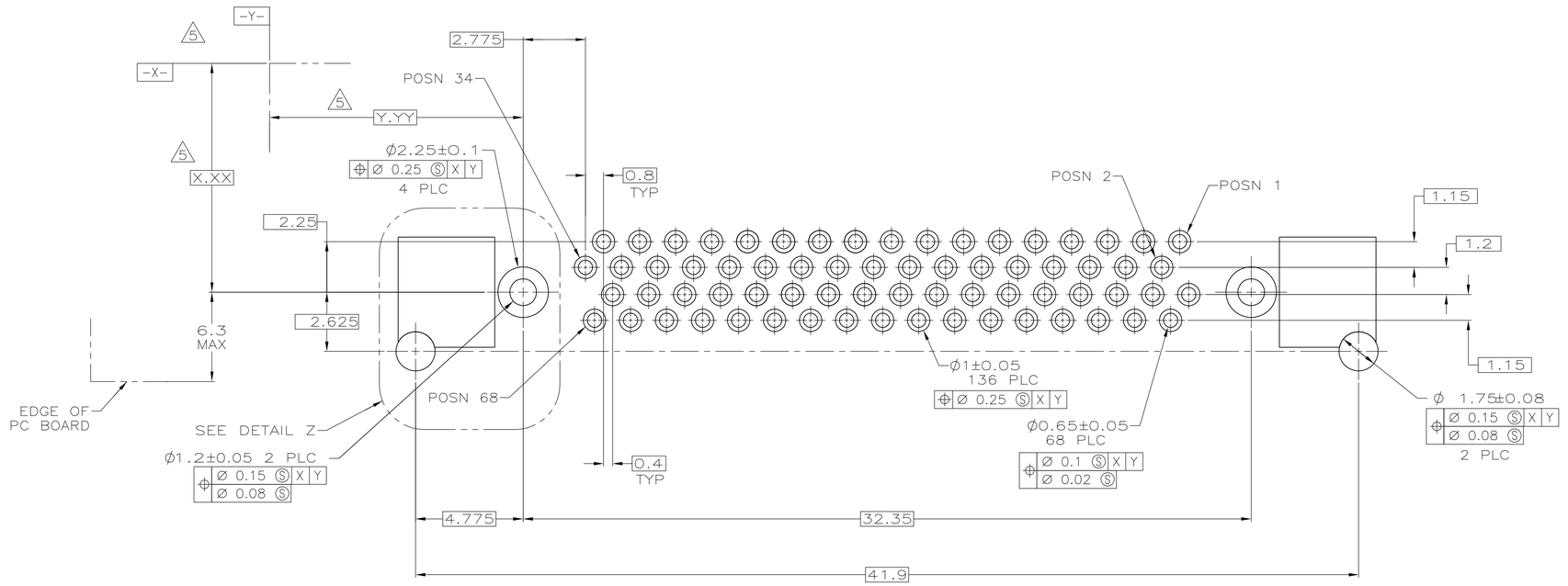
LOC	DIST
GP	00

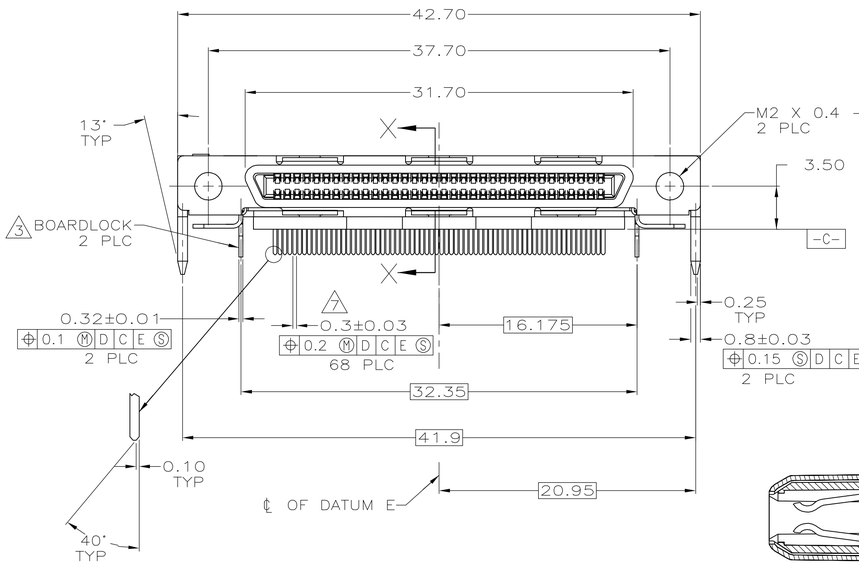
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	0	RELEASED PER EC OS13-0556-04	04AUG05	BM	JG





PC BOARD MOUNTING DIMENSIONS 3
SCALE 8:1



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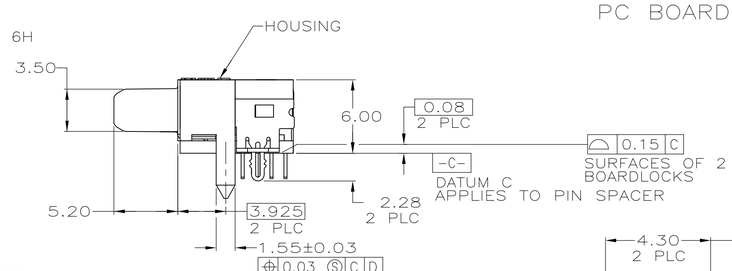
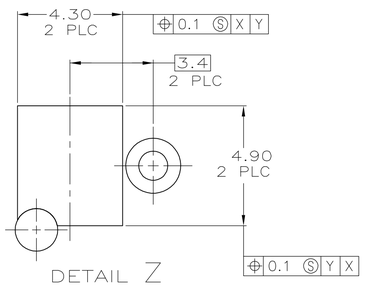
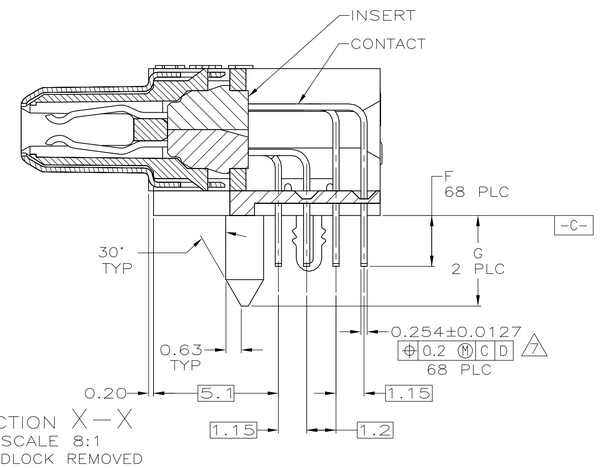
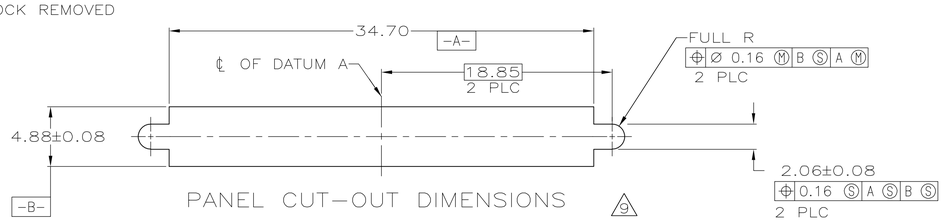




DETAIL Z
SCALE 8:1



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 ON OPPOSITE END, BOTH OVER 1.27μm MIN NICKEL.
BOARDLOCKS: 3.75μm MIN BRIGHT TIN 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.

G	F	PART NO
2.75	2.08	5787254-3
3.70	3.55	5787254-2
3.70	2.08	5787254-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL 1
FINISH 2

DWN B. MCMASTER 04AUG05
CHK J. GERACE 04AUG05
APVD M.WALMSLEY 04AUG05 NAME

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

PRODUCT SPEC 108-1471
APPLICATION SPEC –
WEIGHT –

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

SIZE A1 CAGE CODE DRAWING NO C-5787254 RESTRICTED TO –

CUSTOMER DRAWING SCALE 4:1 SHEET 1 OF 1 REV 0

OBSOLETE
NOT THE LATEST REVISION

AMP 4805 REV 31MAR2000