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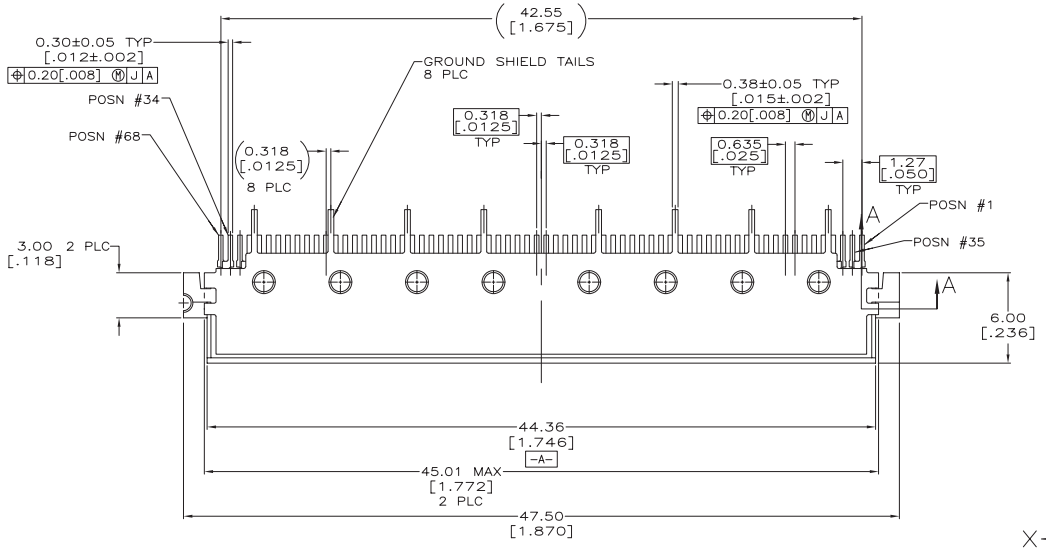
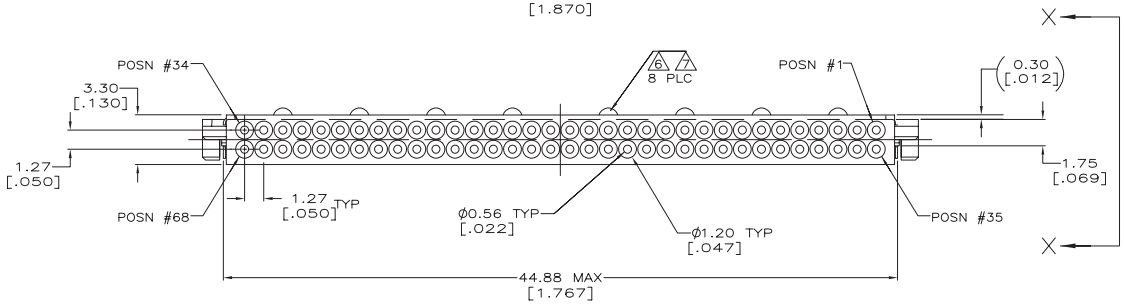
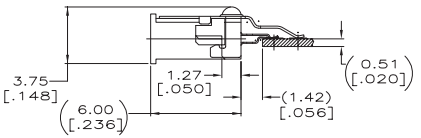
LOC	DIST
GP	00

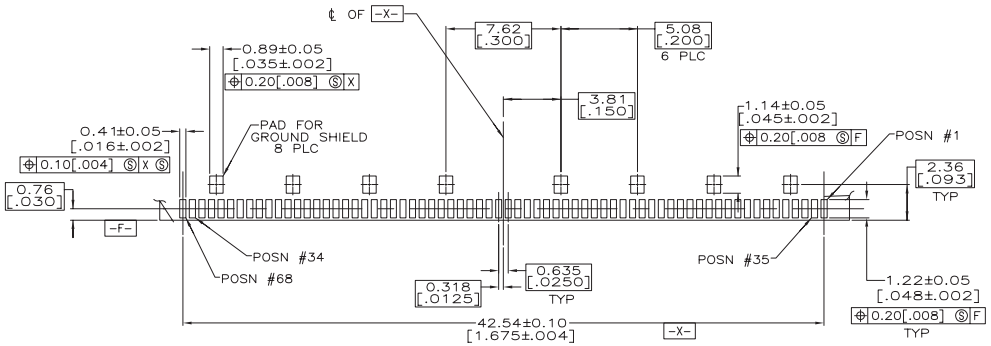
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REVISED PER ECN 0513-0252-05	02AUG06	JDP	DLG









SUGGESTED PC BOARD LAYOUT

1. HOUSING: LCP, GLASS FILLED, COLOR: BLACK.
2. CONTACTS: BERYLLIUM COPPER; SHIELD: BRASS
3. DIMENSION IN REFERENCE TO LOWEST POINT OF EACH LEAD.
4. POINT OF CONTACT 2.3[.091] REF FROM MATING FACE.
5. APPLIES TO 68 SIGNAL TAILS ONLY.
6. SHIELD: 0.00076[.000030] MIN GOLD IN LOCALIZED GOLD PLATE AREA, 0.00381–0.00635 [.000150–.000250] MATTE TIN IN LOCALIZED TIN PLATE AREA, ALL OVER 0.00127 [.000050] MIN NICKEL.
7. LOCALIZED GOLD PLATE AREA.
8. LOCALIZED TIN PLATE AREA.
9. PACKAGED IN 56mm WIDE TAPE AND PLASTIC REEL.
10. PACKAGED IN 72mm WIDE TAPE AND PLASTIC REEL.
11. CONTACTS: 0.00076[.000030] MINIMUM GOLD ON MATING AREA, 0.00064[.000025] MINIMUM SEMI-BRIGHT NICKEL ON MATING AREA, 0.00254[.000100] MINIMUM MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127 [.000050] MINIMUM MATTE NICKEL.

OBSOLETE	10	5146884-5
	9	5146884-4
	PACKAGING	PART NUMBER

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DIMENSIONS: mm [INCHES]
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± 0.13[.005]
4 PLC ± –
ANGLES ± 2°

MATERIAL 1 2
FINISH 6 11

DWN L. VARELA – DOCK6 02-17-05
CHK D. GORENC 02-17-05
APVD M. WALMSLEY 02-17-05
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME RECEPTACLE ASSEMBLY, SMT, 68 POSITION, 6MM/.236 IN, ZERO OFFSET, AMP PC CARDBUS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-5146884	—

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV A

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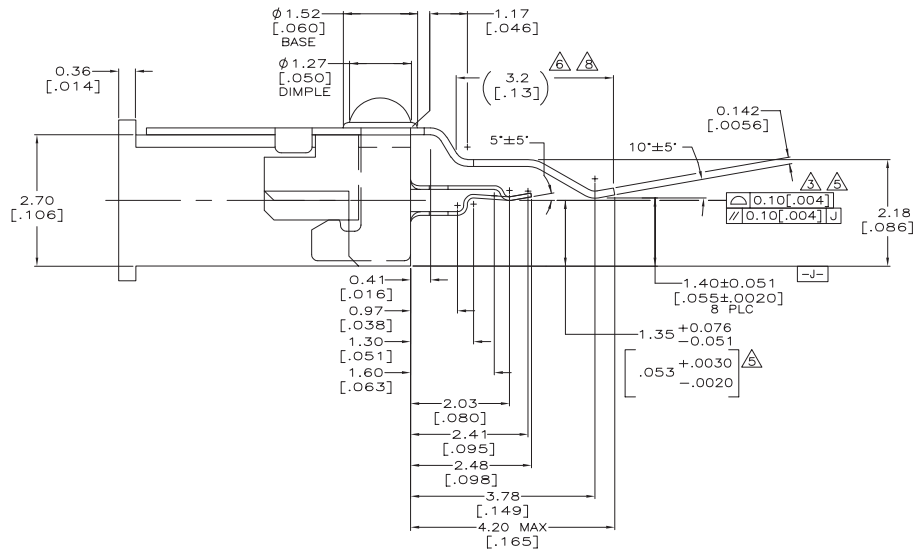
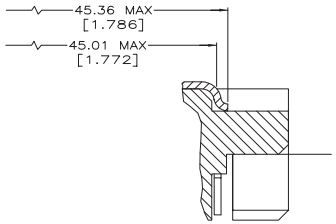
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–



VIEW X–X
SCALE 20:1



SECTION A–A
SCALE 20:1

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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± 0.13[.005]
4 PLC ± –
ANGLES ± 2°

MATERIAL: SEE SHEET 1
FINISH: SEE SHEET 1

DWN: L. VARELA – DOCKS 02-17-05
CHK: D. GORENC 02-17-05
APVD: M. WALMSLEY 02-17-05
PRODUCT SPEC: –
APPLICATION SPEC: –
WEIGHT: –

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME: RECEPTACLE ASSEMBLY, SMT, 68 POSITION, 6mm/.236 IN, ZERO OFFSET, AMP PC CARDBUS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-5146884	–

CUSTOMER DRAWING | SCALE 6:1 | SHEET 2 OF 2 | REV A