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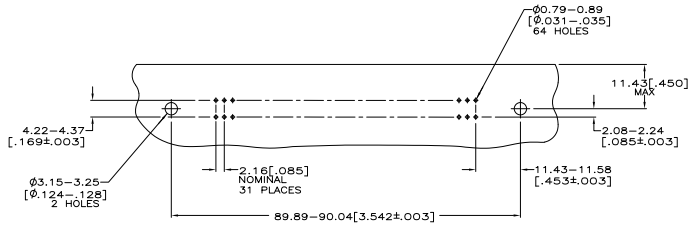
LOC	DIST
GP	00

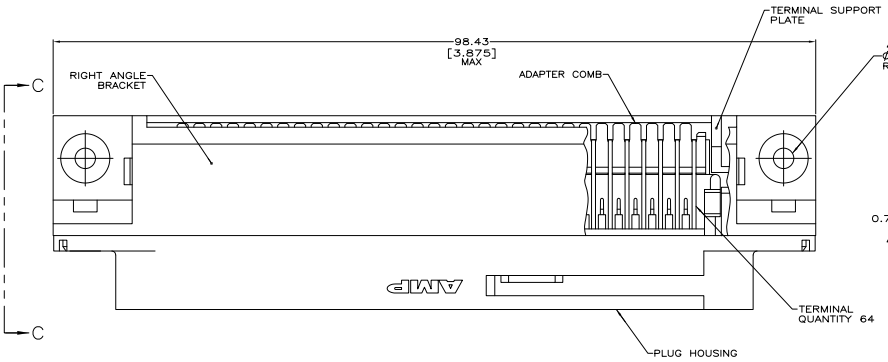
REVISIONS

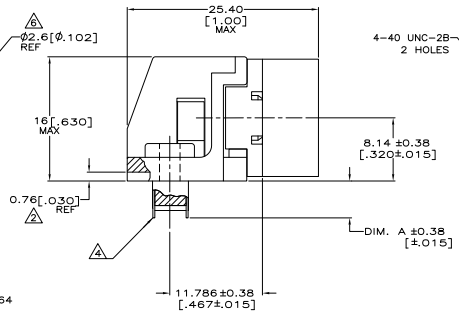
P	LTR	DESCRIPTION	DATE	DRN	APVD
	R	REVISED PER ECO-08-007327	08APR08	BM	WM



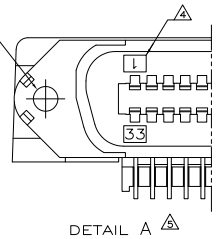
SUGGESTED PRINTED CIRCUIT BOARD
MOUNTING DIMENSIONS
SCALE 2:1

1. MATERIAL: HOUSING, BRACKET, PLATE AND COMB – THERMOPLASTIC, BLACK, 94V–0 RATED.
   TERMINALS – HIGH STRENGTH COPPER ALLOY PLATED WITH EITHER 0.76μm [.000030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE 0.76μm [.000030], MIN TOTAL ON MATING SURFACE. 3.05μm [.000120] MIN TIN–LEAD PLATE ON TAILS. ALL OVER 1.27μm [.000050] MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
2. TERMINAL SUPPORT PLATE CLEARANCE FOR TERMINAL STRAIN RELIEF AND FLUX REMOVAL.
3. MAXIMUM PANEL THICKNESS: 1.57 [.062].
4. TERMINAL 1 IS LOCATED IN THIS ROW FOR STANDARD ORIENTATION, 552745–1 AND –5.
5. DETAIL "A" IS VIEWED FROM MATING SIDE OF PLUG ASSEMBLY.
6. FOR USE WITH A NO.4 BT TYPE SELF–TAPPING SCREW.
7. IF TERMINALS DO NOT EXTEND BELOW COMB, THEN COMB SHOULD BE PARTIALLY RETRACTED BEFORE INSERTING CONNECTOR INTO PRINTED CIRCUIT BOARD.

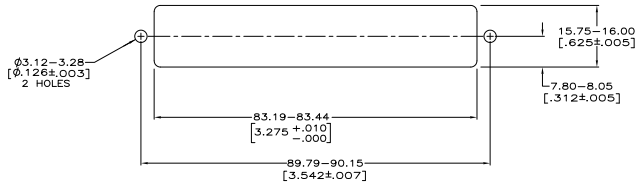




VIEW C–C
ROTATED 90° CCW



DETAIL A
STANDARD ORIENTATION



SUGGESTED REAR PANEL MOUNTING
CUTOUT DIMENSIONS
SCALE 2:1

DIM. A	TYPE OF MOUNTING	DESCRIPTION	PART NUMBER
2.54[.100]	SELF–TAPPING 6	SEE DETAIL A 5	552745–5
4.75[.187]	SELF–TAPPING 6	SEE DETAIL A 5	552745–1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

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

MATERIAL 1
FINISH 1

DR DL DRUMMOND 24–APR–02
CK DL DRUMMOND 24–APR–02
APVD FW BEILES 24–APR–02
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105–3608

NAME: PLUG ASSEMBLY, 64 POSITION, RIGHT ANGLE, SELF–TAPPING, CHAMP–LOK®

SIZE A1 CAGE CODE 00779 DRAWING NO C–552745 RESTRICTED TO –

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

AMP 4805 REV 31MAR2000

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