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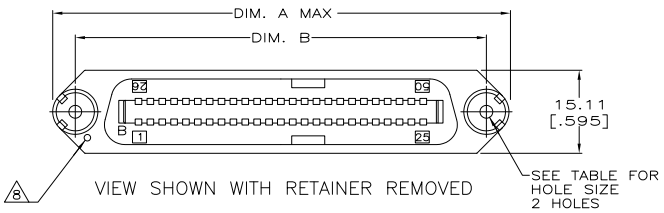
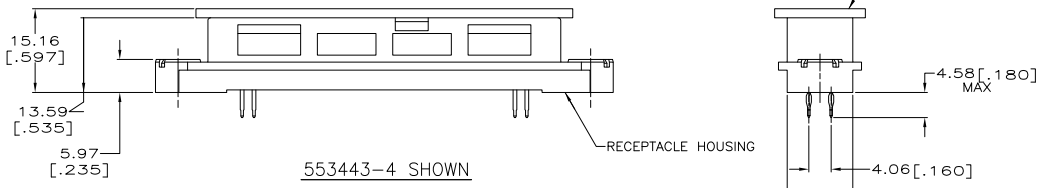
LOC	DIST
AA	20

REVISIONS

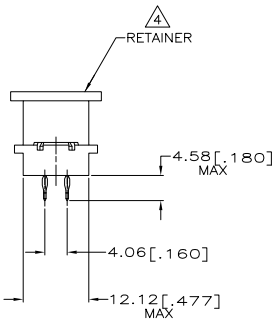
P	LTR	DESCRIPTION	DATE	DWN	APVD
	N	REVISED PER ECN-0513-0617-04	27MAR07	JDP	WM
	N1	REVISED PER ECO-09-021826	08JAN10	KK	AEG

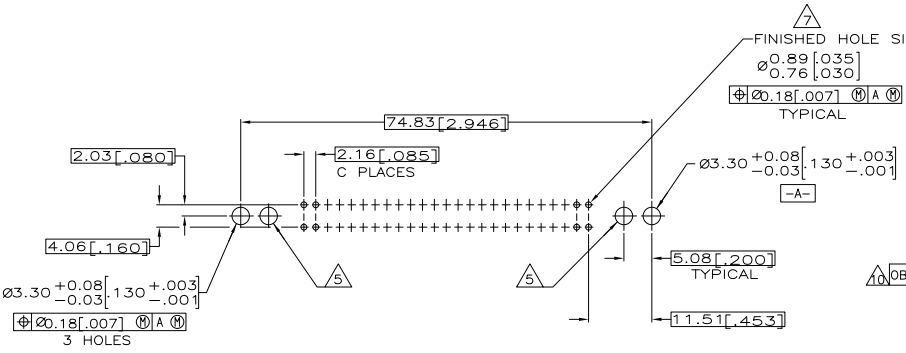


VIEW SHOWN WITH RETAINER REMOVED



553443-4 SHOWN





PRINTED CIRCUIT BOARD
MOUNTING DIMENSIONS

1. MATERIAL: HOUSING – POLYESTER MOLDING COMPOUND BLACK.
TERMINAL – COPPER ALLOY PLATED WITH 0.76µm [.000030] MINIMUM THICK GOLD ON MATING SURFACE AND 0.13µm[.000005] MINIMUM THICK GOLD ON ACTION PIN AREA OVER 1.27µm[.000050] MINIMUM THICK NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
RETAINER – POLYETHYLENE, NATURAL.
EXCEPTION: 553443-8 PLATED WITH MATTE TIN-LEAD, 93-7%, 2.54µm-4.57µm[.000100-.000180] THICK ON ACTION PIN AREA.
2. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.
3. ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY UNLESS OTHERWISE SPECIFIED.
4. RETAINER MUST REMAIN INSTALLED UNTIL AFTER CONNECTOR HAS BEEN INSERTED INTO PCB HOLES.
5. OPTIONAL MOUNTING HOLE FOR SELF-TAPPING SCREW.
6. CENTER-TO-CENTER SPACING OF TERMINALS IS 2.16 [.085] NOMINAL.
7. ALL PLATED-THRU HOLES SHALL BE PER AMP SPEC 115-6072.
8. THRU HOLE ON HOUSING FLANGE INDICATES POSITION 1 LOCATION.
9. OBSOLETE
10. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

C	HOLE SIZE	DIM. B	DIM. A	POSITION	PART NUMBER
31	4-40 UNC-2B	89.97[3.542]	98.43[3.875]	64	~~553443-8~~
24	.125 DIA	74.83[2.946]	83.31[3.280]	50	553443-6
31	4-40 UNC-2B	89.97[3.542]	98.43[3.875]	64	553443-5
24	4-40 UNC-2B	74.83[2.946]	83.31[3.280]	50	553443-4
17	4-40 UNC-2B	59.74[2.352]	68.20[2.685]	36	553443-3
11	4-40 UNC-2B	46.79[1.842]	55.25[2.175]	24	553443-2
6	4-40 UNC-2B	35.97[1.416]	44.45[1.750]	14	~~553443-1~~

OBSOLETE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

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

MATERIAL 1

FINISH 1

DWN DL DRUMMOND 18 JUN 99
CHK EW BEILES 21 JUN 99
APVD EW BEILES 21 JUN 99

PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME RECEPTACLE ASSEMBLY, ACTION PIN, CHAMP-LOK

SIZE A2 | CAGE CODE 00779 | DRAWING NO C-553443 | RESTRICTED TO –

CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 1 | REV N1

553443

AMP 1471-9 REV 31MAR2000

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