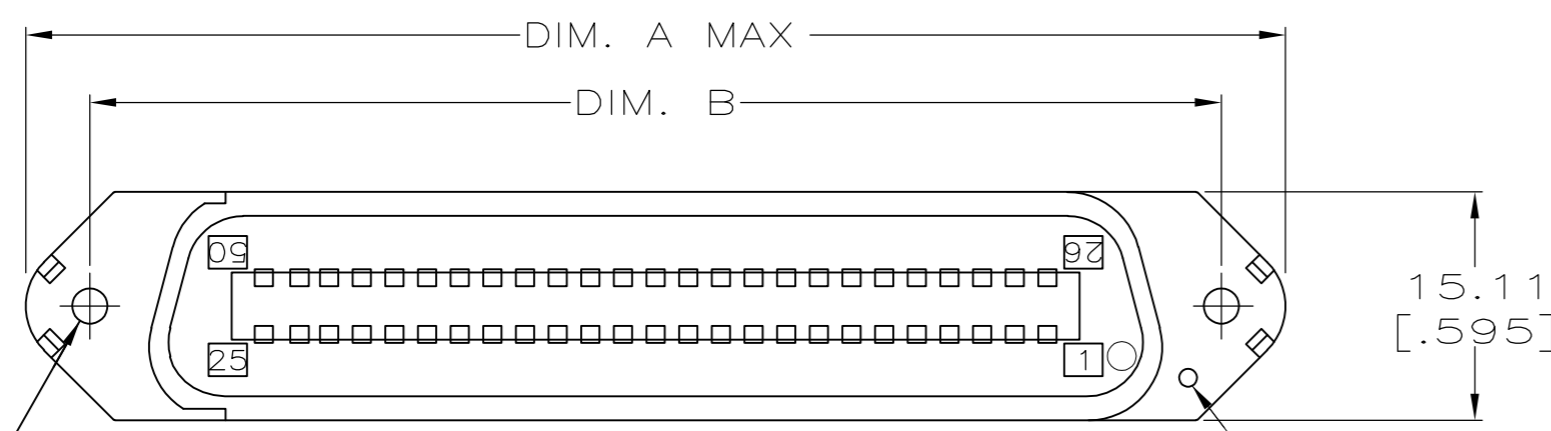


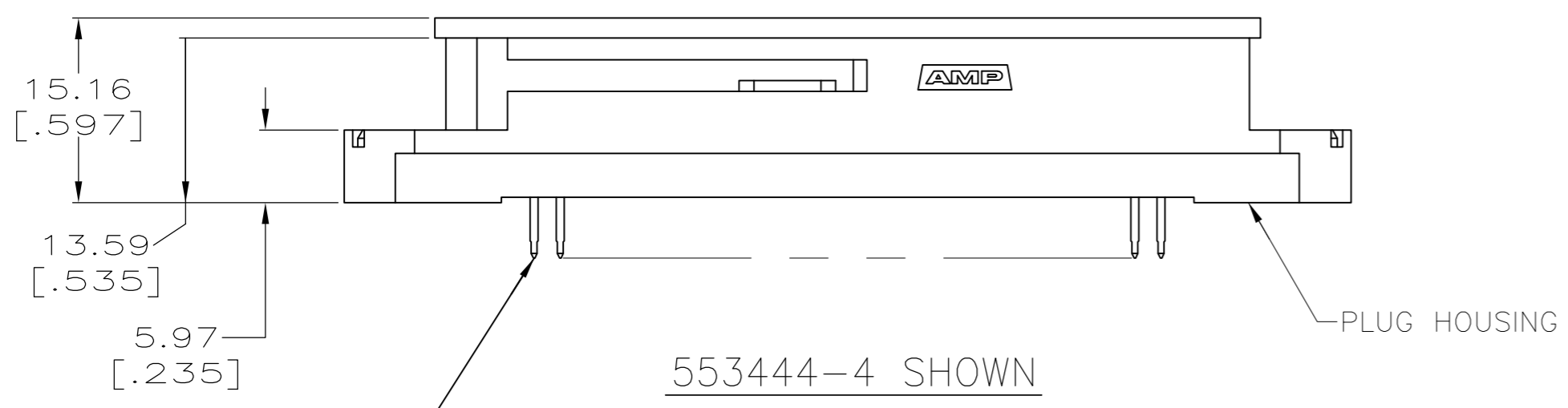
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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
AA	20	P		PER ECO-13-016325	18OCT13	BL	JY

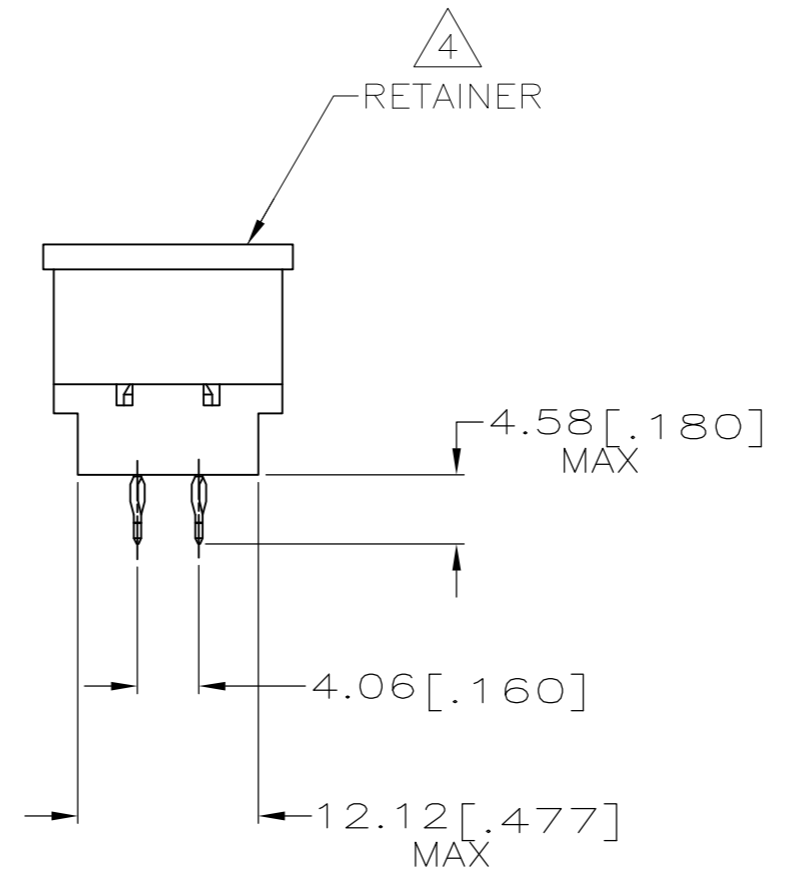


SEE TABLE FOR HOLE SIZE 2 HOLES

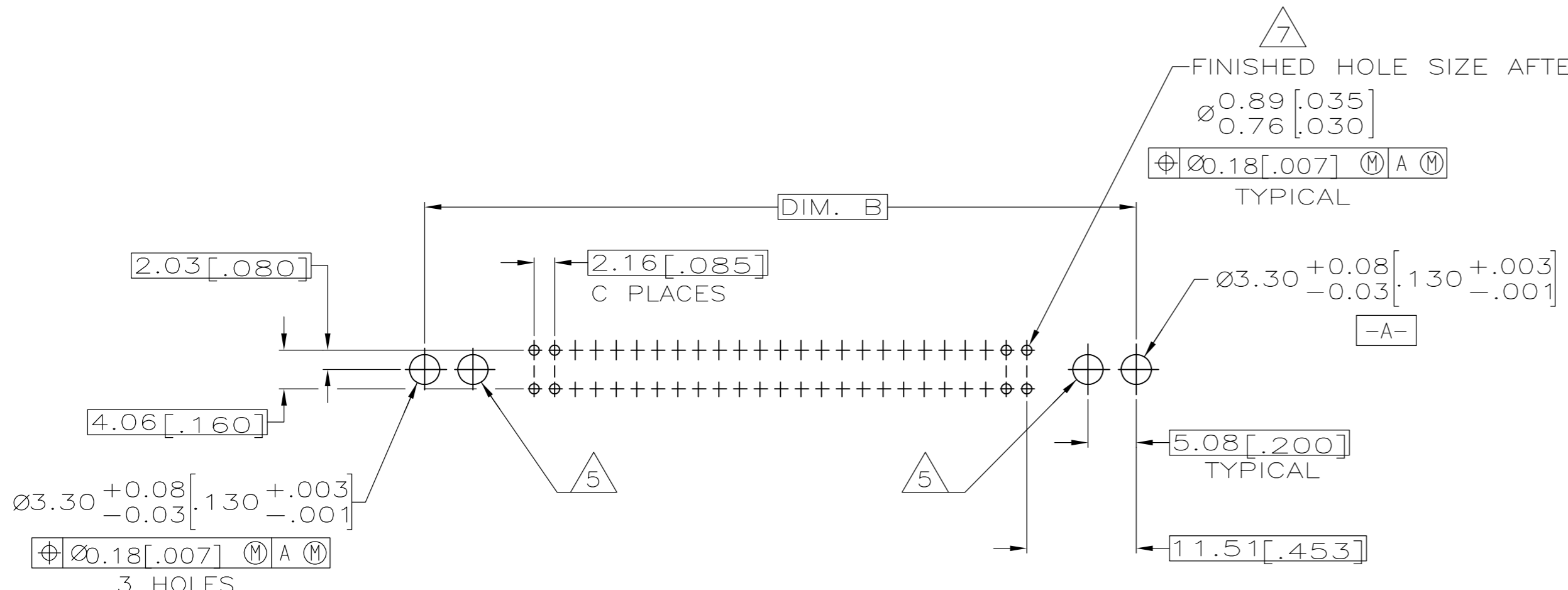
VIEW SHOWN WITH RETAINER REMOVED



TERMINAL QUANTITY 50



- 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.
- 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 MATERIAL: HOUSING - POLYESTER MOLDING COMPOUND BLACK.
 TERMINAL - COPPER ALLOY PLATED WITH 0.76µm [.000030] MINIMUM THICK GOLD ON MATING SURFACE AND 2.54µm [.0001] MINIMUM THICK TIN ON ACTION PIN AREA OVER 1.27µm [.000050] MINIMUM THICK NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
 RETAINER - POLYETHYLENE, NATURAL.



PRINTED CIRCUIT BOARD MOUNTING DIMENSIONS

QTY	SIZE	DIM. B	DIM. A	FINISH	MATERIAL	POSITION	PART NUMBER
24	3.18[0.125]	74.83[2.946]	83.31[3.280]	9	9	50	553444-9
24	3.18[0.125]	74.83[2.946]	83.31[3.280]	1	1	50	553444-8
31		89.97[3.542]	98.43[3.875]	1	1	64	553444-5
24	4-40 UNC-2B	74.83[2.946]	83.31[3.280]	1	1	50	553444-4
17		59.74[2.352]	68.20[2.685]	1	1	36	553444-3
11		46.79[1.842]	55.25[2.175]	1	1	24	553444-2

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DWN	A. HOLT	05 APR 85
CHK	M. FRIEL	05 JUN 85
APVD	S. HEGE	05 JUN 85

TE Connectivity

PLUG ASSEMBLY, ACTION PIN, CHAMP-LOK

SIZE	A2	CAGE CODE	00779	DRAWING NO	C=553444
WEIGHT	-	SCALE	2:1	SHEET	1 of 1

CUSTOMER DRAWING

-553444

Mouser Electronics

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[553444-5](#)