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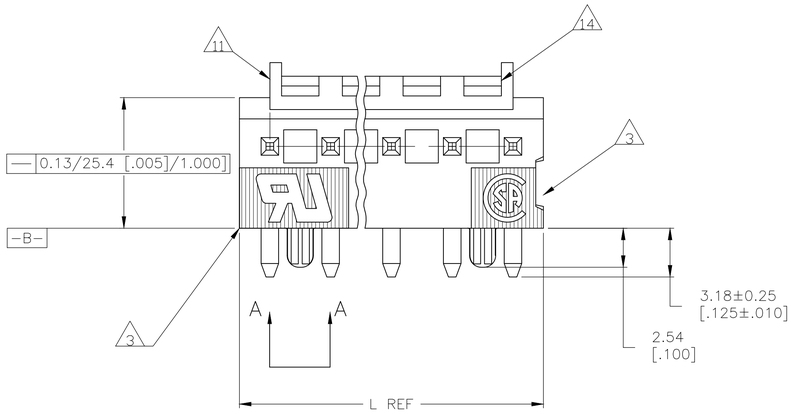
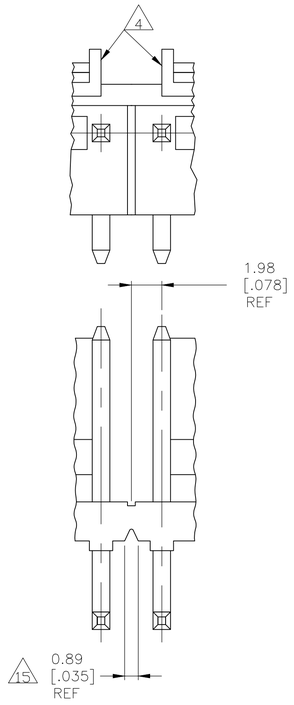
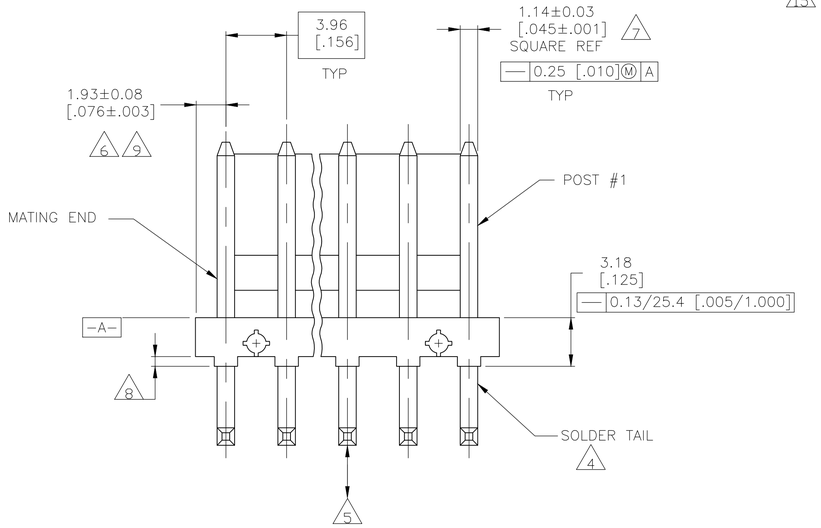
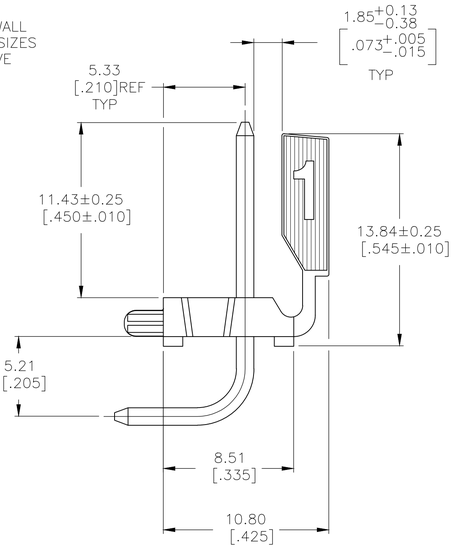
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	K1	REVISED PER ECR-19-011103	23JUL2019	BDA	SW

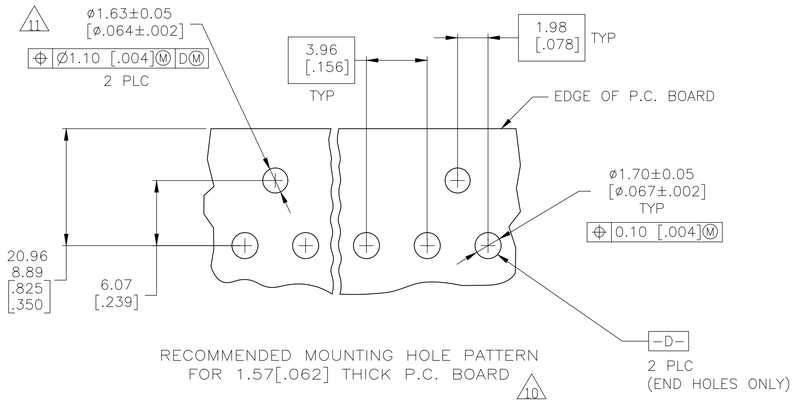




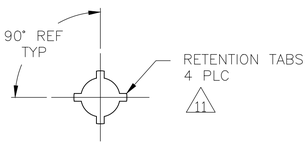
INTERRUPED WALL
FOR POSITION SIZES
6 AND ABOVE
13







RECOMMENDED MOUNTING HOLE PATTERN
FOR 1.57[.062] THICK P.C. BOARD 10



VIEW A-A
SCALE 10:1

1 MATERIAL
HOUSING: THERMOPLASTIC POLYESTER,GLASS FILLED,UL94V-0.
POST: COPPER ALLOY

2 FINISH
HOUSING: NATURAL
POST: BRIGHT TIN-LEAD (93/7) PLATE,0.00380-0.00880[.000150-.000350] THK OVER NICKEL UNDERPLATE,0.00130[.000050] MIN THK.

3 UL MARKING MAY NOT APPEAR ON THE 2 OR 3 POSITION SIZES.
CSA MARKING MAY NOT APPEAR ON THE 2 POSITION SIZE.

4 POST SOLDERTAILS COMPLY WITH AMP SOLDERABILITY SPEC 109-11-2.

5 POST WITHSTANDS 13.34N [3 LB] MIN AXIAL FORCE IN EITHER DIRECTION WITHOUT DISLODGING.

6 APPLIES AT -A- .

7 APPLIES WHEN THE HEADER IS STRAIGHT.

8 PLASTIC PROJECTIONS PERMITTED IN THIS ZONE.

9 COORDINATE DIMENSIONS APPLIES FROM THE CENTER OF THE ACTUAL FEATURE.

10 SOLDER SIDE OF BOARD IS SHOWN.

11 THE RENTENTION TABS PROVIDE A ONE-TIME INTERFERENCE FIT IN THE 1.63[.064] DIAMETER BOARD HOLE FOR HEADER ASSEMBLY RETENTION DURING SOLDERING. FOUR TABS PER PEG,TWO PEGS PER HEADER ASSEMBLY (ONE PEG ONLY FOR 2 POSITION SIZE).

12 DIMENSIONS IN BRACKETS ARE IN INCHES.

13 ALL POSITION SIZES HAVE THE BACKWALL NOTCHED ON BOTH ENDS AS SHOWN. THE 2 THRU 5 POSITION SIZES HAVE SOLID BACKWALLS. POSITION SIZES 6 AND ABOVE HAVE AN INTERRUPTED BACKWALL AT VARIOUS LOCATIONS (SEE TABLE FOR INTERRUPTION(S) LOCATIONS).

14 EDGE OF POLARIZING LOCK WALL TO BE IN LINE WITH CENTERLINE OF ADJACENT POST WITHIN ±0.13 [.005]

15 NOTCH SHOWN MAY OR MAY NOT APPEAR.

16 FINISH
HOUSING: NATURAL
POST: MATTE TIN PLATE, .000150" MIN THICK OVER NICKEL.

17 OBSOLETE PART NUMBER

		FINISH	BACKWALL INTERRUPTION(S) BETWEEN POST	L	NO. OF POSITIONS	PART NO.
	16		4&5, 7&8, 11&12, 14&15	71.20 [2.803]	18	4-644617-8
17	16		4&5, 7&8, 10&11, 13&14	67.23 [2.647]	17	~~4-644617-7~~
17	16		4&5, 8&9, 12&13	63.27 [2.491]	16	~~4-644617-6~~
17	16		4&5, 8&9, 11&12	59.31 [2.335]	15	~~4-644617-5~~
	16		4&5 7&8, 10&11	55.35 [2.179]	14	4-644617-4
17	16		4&5 7&8, 10&11	51.38 [2.023]	13	~~4-644617-3~~
	16		4&5, 8&9	47.42 [1.867]	12	4-644617-2
	16		4&5, 7&8	43.46 [1.711]	11	4-644617-1
	16		3&4, 7&8	39.50 [1.555]	10	4-644617-0
	16		3&4, 6&7	35.53 [1.399]	9	3-644617-9
	16		4&5	31.57 [1.243]	8	3-644617-8
	16		4&5	27.61 [1.087]	7	3-644617-7
	16		3&4	23.65 [.931]	6	3-644617-6
	16		NONE	19.69 [.775]	5	3-644617-5
	16		NONE	15.72 [.619]	4	3-644617-4
	16		NONE	11.76 [.463]	3	3-644617-3
	16		NONE	7.80 [.307]	2	3-644617-2
17	2		4&5, 7&8, 11&12, 14&15	71.20 [2.803]	18	1-644617-8
17	2		4&5, 7&8, 10&11, 13&14	67.23 [2.647]	17	1-644617-7
17	2		4&5, 8&9, 12&13	63.27 [2.491]	16	1-644617-6
17	2		4&5, 8&9, 11&12	59.31 [2.335]	15	1-644617-5
17	2		4&5 7&8, 10&11	55.35 [2.179]	14	1-644617-4
17	2		4&5 7&8, 10&11	51.38 [2.023]	13	1-644617-3
17	2		4&5, 8&9	47.42 [1.867]	12	1-644617-2
17	2		4&5, 7&8	43.46 [1.711]	11	1-644617-1
17	2		3&4, 7&8	39.50 [1.555]	10	1-644617-0
17	2		3&4, 6&7	35.53 [1.399]	9	644617-9
17	2		4&5	31.57 [1.243]	8	644617-8
17	2		4&5	27.61 [1.087]	7	644617-7
17	2		3&4	23.65 [.931]	6	644617-6
17	2		NONE	19.69 [.775]	5	644617-5
17	2		NONE	15.72 [.619]	4	644617-4
17	2		NONE	11.76 [.463]	3	644617-3
17	2		NONE	7.80 [.307]	2	644617-2

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 2 16

DWN B. LEWIS 26 OCT 93
CHK R. SWING 26 OCT 93
APVD D. CLARK 03 NOV 93
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT 0.000000

TE Connectivity

NAME
MTA-156 HDR ASN,PLRZD LCK,
RT ANGLE FRNT BND,.045 SQ PST,
SN-PB PLTD,W/ RTTN PGS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-644617	—

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV K1

4805 (1/15)