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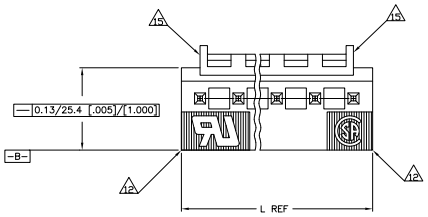
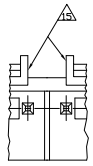
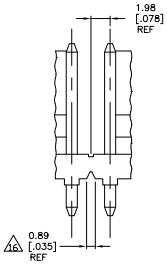
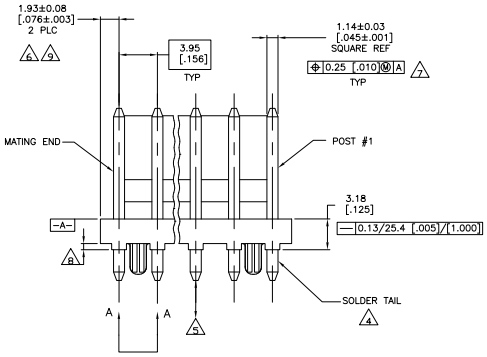
REVISIONS

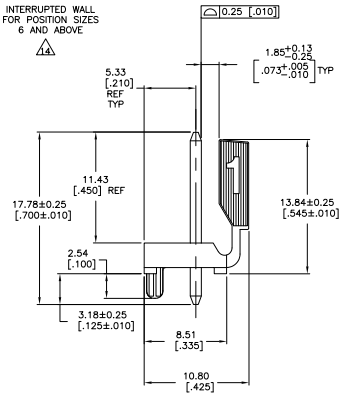
P	LTR	DESCRIPTION	DATE	DRN	APVD
	J2	REVISED PER ECO-11-004835	11MAR11	RK	HMR

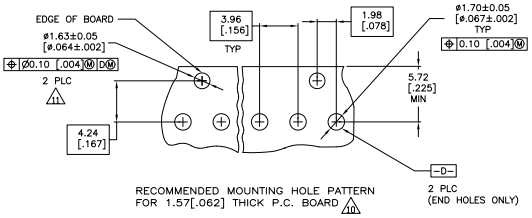




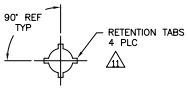








RECOMMENDED MOUNTING HOLE PATTERN FOR 1.57[.062] THICK P.C. BOARD



VIEW A-A
SCALE 10:1

1. MATERIAL

   HOUSING: THERMOPLASTIC POLYESTER,GLASS FILLED,UL94V-O.
   POST: COPPER ALLOY

2. FINISH

   HOUSING: NATURAL
   POST: BRIGHT TIN-LEAD (93/7) PLATE, 0.0038[.000150]-0.0088[.000350] THICK OVER NICKEL UNDERPLATE, 0.0013[.000050] MIN THICK.

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

13. DIMENSIONS IN BRACKETS ARE IN INCHES.

14. 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).

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

16. NOTCH SHOWN MAY OR MAY NOT APPEAR.

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

18. OBSOLETE PART NUMBER

NOTES	FINISH	BACKWALL INTERUPTION(S) BETWEEN POST	L		NO. OF CIRCUITS	PART NUMBER
	17	4&5, 7&8, 11&12, 14&15	71.20	[2.803]	18	4-644615-8
		4&5, 7&8, 10&11, 13&14	67.23	[2.647]	17	4-644615-7
		4&5, 8&9, 12&13	63.27	[2.491]	16	4-644615-6
		4&5, 8&9, 11&12	59.31	[2.335]	15	4-644615-5
		4&5 7&8, 10&11	55.35	[2.179]	14	4-644615-4
		4&5 7&8, 10&11	51.38	[2.023]	13	4-644615-3
		4&5, 8&9	47.42	[1.867]	12	4-644615-2
		4&5, 7&8	43.46	[1.711]	11	4-644615-1
		3&4, 7&8	39.50	[1.555]	10	4-644615-0
		3&4, 6&7	35.53	[1.399]	9	3-644615-9
		4&5	31.57	[1.243]	8	3-644615-8
		4&5	27.61	[1.087]	7	3-644615-7
		3&4	23.65	[.931]	6	3-644615-6
		NONE	19.69	[.775]	5	3-644615-5
		NONE	15.72	[.619]	4	3-644615-4
		NONE	11.76	[.463]	3	3-644615-3
		NONE	7.80	[.307]	2	3-644615-2
18	2	4&5, 7&8, 11&12, 14&15	71.20	[2.803]	18	1-644615-8
18		4&5, 7&8, 10&11, 13&14	67.23	[2.647]	17	1-644615-7
18		4&5, 8&9, 12&13	63.27	[2.491]	16	1-644615-6
18		4&5, 8&9, 11&12	59.31	[2.335]	15	1-644615-5
18		4&5 7&8, 10&11	55.35	[2.179]	14	1-644615-4
18		4&5 7&8, 10&11	51.38	[2.023]	13	1-644615-3
18		4&5, 8&9	47.42	[1.867]	12	1-644615-2
18		4&5, 7&8	43.46	[1.711]	11	1-644615-1
18		3&4, 7&8	39.50	[1.555]	10	1-644615-0
18		3&4, 6&7	35.53	[1.399]	9	644615-9
18		4&5	31.57	[1.243]	8	644615-8
18		4&5	27.61	[1.087]	7	644615-7
18		3&4	23.65	[.931]	6	644615-6
18		NONE	19.69	[.775]	5	644615-5
18		NONE	15.72	[.619]	4	644615-4
18		NONE	11.76	[.463]	3	644615-3
18		NONE	7.80	[.307]	2	644615-2

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCE UNLESS OTHERWISE SPECIFIED: 0 PLC ± - ; 1 PLC ± - ; 2 PLC ± - ; 3 PLC ± - ; 4 PLC ± - ; ANGLES ± -

MATERIAL 1 FINISH 2 17

DWN S. CARPENTER 13AUG2003
CHK D. BOSSI 13AUG2003
APVD D. BOSSI 13AUG2003
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

TE Connectivity

NAME MTA-156 HEADER ASSEMBLY, POLARIZED LOCK, STRAIGHT .045 SQUARE POST, TIN OR TIN-LEAD PLATED W/RETENTION PEGS

SIZE A1 CAGE CODE DRAWING NO C-644615 RESTRICTED TO –

CUSTOMER DRAWING SCALE 5:1 SHEET 1 OF 1 REV J2

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