

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

2. FINISH: NATURAL
 UL LEAD PLATING: 0.000380-0.000800 (0.000150-0.000350) THK OVER NICKEL UNDERPLATE, 0.00130 (0.000050) MIN THK. CSA MARKING MAY NOT APPEAR ON THE 2 OR 3 POSITION SIZES. POST SOLDER TAILS COMPLY WITH AMP SOLDERABILITY SPEC 109-11-2. POST WITHSTANDS 13.34N [3 LB] MIN AXIAL FORCE IN EITHER DIRECTION WITHOUT DISLODGING. APPLIES AT [A].

3. APPLIES WHEN THE HEADER IS STRAIGHT.
 PLASTIC PROJECTIONS PERMITTED IN THIS ZONE. COORDINATE DIMENSIONS APPLIES FROM THE CENTER OF THE ACTUAL FEATURE.

4. SOLDER SIDE OF BOARD IS SHOWN.

5. THE RETENTION TABS PROVIDE A ONE-TIME INTERFERENCE FIT IN THE 1.63 [0.064] DIAMETER BOARD HOLE FOR HEADER ASSEMBLY DURING SOLDERING. FOUR TABS PER PEG, TWO PEGS PER HEADER ASSEMBLY (ONE PEG ONLY FOR 2 POSITION SIZE).

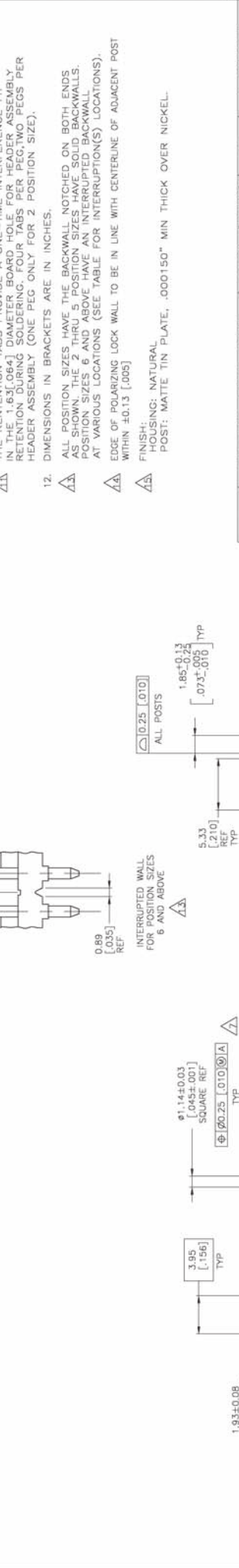
6. DIMENSIONS IN BRACKETS ARE IN INCHES.

7. 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).

8. EDGE OF POLARIZING LOCK WALL TO BE IN LINE WITH CENTERLINE OF ADJACENT POST WITHIN ±0.13 [0.005]

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

Part No.	Dim.	Value	Units
4-644616-8		71.20	2.803
4-644616-7		67.23	2.647
4-644616-6		63.27	2.491
4-644616-5		59.31	2.335
4-644616-4		55.35	2.179
4-644616-3		51.38	2.023
4-644616-2		47.42	1.867
4-644616-1		43.46	1.711
3-644616-0		39.50	1.555
3-644616-9		35.53	1.399
3-644616-8		31.57	1.243
3-644616-7		27.61	1.087
3-644616-6		23.65	0.931
3-644616-5		19.69	0.775
3-644616-4		15.72	0.619
3-644616-3		11.76	0.463
3-644616-2		7.80	0.307
1-644616-8		71.20	2.803
1-644616-7		67.23	2.647
1-644616-6		63.27	2.491
1-644616-5		59.31	2.335
1-644616-4		55.35	2.179
1-644616-3		51.38	2.023
1-644616-2		47.42	1.867
1-644616-1		43.46	1.711
1-644616-0		39.50	1.555
1-644616-9		35.53	1.399
1-644616-8		31.57	1.243
1-644616-7		27.61	1.087
1-644616-6		23.65	0.931
1-644616-5		19.69	0.775
1-644616-4		15.72	0.619
1-644616-3		11.76	0.463
1-644616-2		7.80	0.307



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).

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1-644616-6		23.65	0.931
1-644616-5		19.69	0.775
1-644616-4		15.72	0.619
1-644616-3		11.76	0.463
1-644616-2		7.80	0.307

BACKWALL INTERRUPTION(S) BETWEEN POST

Part No.	Dim.	Value	Units
4-644616-8		71.20	2.803
4-644616-7		67.23	2.647
4-644616-6		63.27	2.491
4-644616-5		59.31	2.335
4-644616-4		55.35	2.179
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3-644616-4		15.72	0.619
3-644616-3		11.76	0.463
3-644616-2		7.80	0.307

NO. OF CIRCUITS

PART NUMBER

FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.

DATE: 12/04/04

BY: J. S. JONES

DESCRIPTION: MTA-158 HEATER ASSEMBLY

DATE: 12/04/04

BY: J. S. JONES

DESCRIPTION: MTA-158 HEATER ASSEMBLY

LOCK, STRAIGHT .045 ROUND POST, TIN-LEAD PLATED WITH RETENTION PEGS. SEE LOCK FOR MOUNTING INSTRUCTIONS.

100779-044616

REV. 5.1

1 of 1

METRIC