



- 1
- POST TO WITHSTAND 13 NEWTONS (3LBS.) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2
- TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3
- MEASURED AT SURFACE -A-
- 4
- PLASTIC FLASH PERMITTED IN THIS AREA.
- 5
- PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 6
- ONE HOLE MAY BE UNDERSIZED 1.65 [.065]-1.52 [.060] ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7
- MATERIAL: HEADER-THERMOPLASTIC POLYESTER  
GLASS-FILLED 94V-0 (NATURAL)  
POST-COPPER ALLOY (TIN PLATED)
- 8
- COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9
- PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- 10
- POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11
- POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12
- DIMENSION SHOULD BE 4.45 [.175] MIN WHEN MATING WITH A MTA .156 CONNECTOR ASSEMBLY OR A SL-.156 CONNECTOR ASSEMBLY.
- 13
- MAXIMUM PIN BURR OF 1.65 [.005] HIGH X 1.52 [.003] WIDE PERMITTED AT POST TIPS ON BOTH ENDS.

.065	1.65	.700	17.78
.063	1.60	.624	15.85
.060	1.52	.450	11.43
.045	1.14	.425	10.80
.030	0.76	.312	7.92
.015	0.38	.300	7.62
.012	0.30	.180	4.57
.010	0.25	.175	4.45
.008	0.20	.156	3.96
.006	0.15	.125	3.18
.005	0.13	.078	1.98
.003	0.08	.070	1.78
.001	0.03	.068	1.73
[IN]	MM	[IN]	MM

CONVERSION TABLE

643493-1 SHOWN

OBSOLETE	3 AND 4	<del>643493-6</del>
	1 AND 2	<del>643493-5</del>
	3	643493-4
	2 AND 3	643493-3
	2	643493-1
	POST NUMBER OMITTED	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
S. HOOVER  
07NOV02

CHK  
D. BOSSI  
07NOV02

APVD  
D. BOSSI  
07NOV02

NAME  
MTA-.156 HEADER ASSEMBLY FRICTION LOCK, STRAIGHT .045 SQUARE POST, TIN LEAD PLATED, 4 POSITION, OMITTED POST

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .005

4 PLC ± -

ANGLES ± -

FINISH

MATERIAL

WEIGHT

CUSTOMER DRAWING

SCALE 5:1

SHEET 1 OF 1

REV U

TE Connectivity

SIZE  
A1

CAGE CODE  
00779

DRAWING NO.  
643493

RESTRICTED TO

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[643493-3](#)