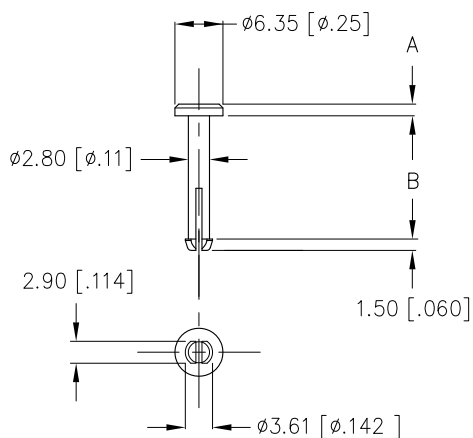


THE PIP3.175 SERIES MOUNTS THE HEATSINK TO THE PCB USING A SPRING. OBTAINING ADEQUATE PRESSURE REQUIRED FOR THERMAL INTERFACE MATERIAL PERFORMANCE IS EASILY ATTAINED BY CHOOSING AN APPROPRIATE SPRING (NOT INCLUDED.).

DIM

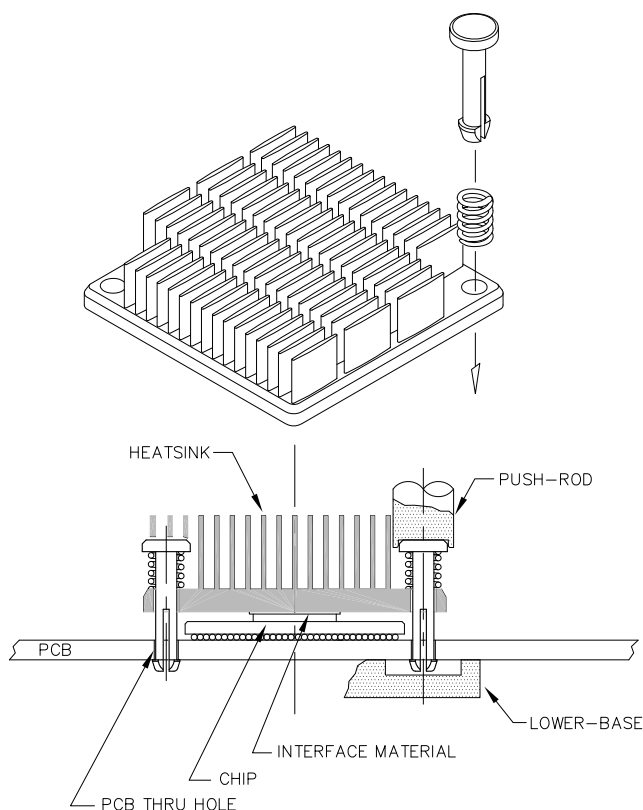


| P/N      | PART NAME         | A              | B            |
|----------|-------------------|----------------|--------------|
| S001YZ3M | PIP3.175x7.0 [TH] | 0.89<br>[.035] | 7.00 [.276]  |
| S001YZ1H | PIP3.175x8.5 [TH] |                | 8.50 [.335]  |
| S001YZ10 | PIP3.175x9.8 [TH] | 1.27<br>[.050] | 9.80 [.386]  |
| S001YZ0T | PIP3.175x11 [TH]  |                | 11.00 [.433] |
| S001YZ0N | PIP3.175x11.5     | 1.55<br>[.061] | 11.50 [.453] |
| S001YZ1P | PIP3.175x13.2     |                | 13.20 [.520] |
| S001YZ0M | PIP3.175x14.3     |                | 14.30 [.563] |
| S001YZ0Y | PIP3.175x18.8     | 1.55<br>[.061] | 18.80 [.740] |
| S001YZ0X | PIP3.175x20.3     |                | 20.30 [.799] |

- MATERIAL : BRASS (ROHS COMPLIANT)  
C6801 SAN-ETU METALS BZ5  
OR EQUIVALENT
- DIMENSIONS mm [inch]

#### REFERENCES:

- HEATSINK:  
REQUIRES HEATSINK HOLE DIAMETER OF 3.45 [.136] IF "PIP3.175 + SPRING" NEEDS TO BE CAPTIVE. (WHEN BASE THICKNESS IS LESS THAN 2 mm OR SPRING IS PRE-COMPRESSED, HEATSINK HOLE DIAMETER 3.30 IS RECOMMENDED.)
- BOARD:  
REQUIRES  $\phi 3.175 \pm 0.05$  [ $\phi .125 \pm .002$ ] THRU HOLES IN BOARD. USE OF PLATED HOLES TO REDUCE EXCESSIVE WEAR AND INSERTION FORCE IS RECOMMENDED.
- INSTALLATION:  
THE SPRING SHOULD NOT BE COMPRESSED TO SOLID LENGTH DURING INSTALLATION AND SHOULD BE SUPPORTED BY THE LOWER-BASE. PUSH-ROD AND LOWER-BASE NEEDS TO BE OBTAINED/PRODUCED LOCALLY.



MAY 2015

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