



# Adapter for Motorola MC145158-2 SOIC DW-to-20-Pin PLCC

## FEATURES

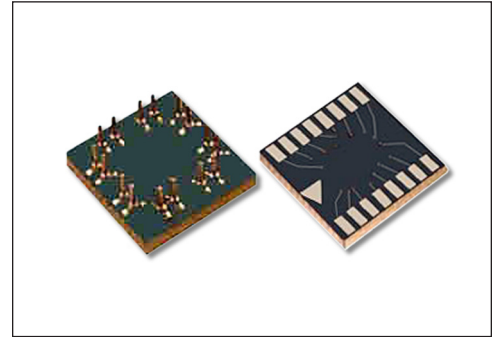
- A cost-effective means of upgrading to SOJ or SOIC without changing your PCB layout.

## GENERAL SPECIFICATIONS

- BOARD MATERIAL: 0.062 thick FR-4 with 1-oz. Cu traces, both sides
- PINS: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
- PIN PLATING: 200 $\mu$  [5.08 $\mu$ ] Sn/Pb 93/7 per ASTM B579-73 over 100 $\mu$  [2.54 $\mu$ ] Ni per SAE AMS-QQ-N-290
- OPERATING TEMPERATURE: 221°F [105°C]

## MOUNTING CONSIDERATIONS

- Standard surface mount



**CUSTOMIZATION:** In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. **NOTE:** Aries reserves the right to change product general specifications without notice.

ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES:  $\pm 0.005$  [0.13] UNLESS OTHERWISE SPECIFIED

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

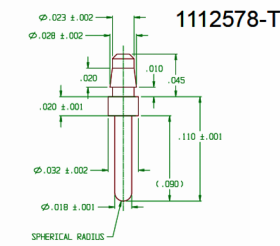
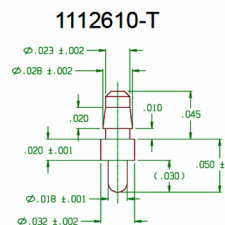
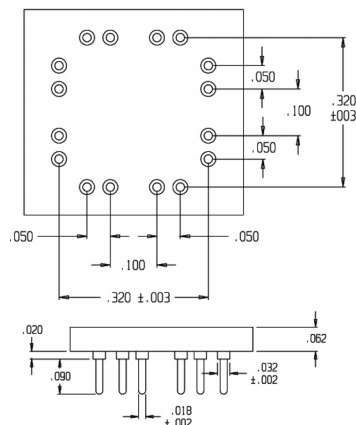
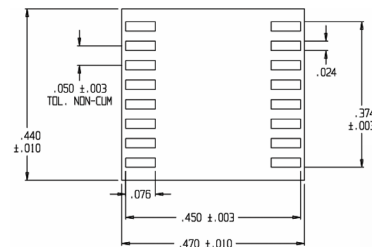
## ORDERING INFORMATION

20-301550-X 0

Plating Sn  
Pin Length

1 = Pin 1112610-T

2 = Pin 1112578-T



| SOIC | PLCC PAD |
|------|----------|
| 1    | 2        |
| 2    | 3        |
| 3    | 4        |
| 4    | 5        |
| 5    | 7        |
| 6    | 8        |
| 7    | 9        |
| 8    | 10       |
| 9    | 12       |
| 10   | 13       |
| 11   | 14       |
| 12   | 15       |
| 13   | 17       |
| 14   | 18       |
| 15   | 19       |
| 16   | 20       |



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