



# PRODUCT CHANGE NOTIFICATION

 Pre-Notification Final Notification**PCN Number:**

PCN20120627A.DOCX

**Micropac Part Number / Description:**

53275, 53276, 53278, 53282, 53283, 53284, 53502

**Description of Change:** Electrical Specifications Physical Dimensions Test Method Other

The package construction is changing from a two-piece design with a two-piece lead construction to a one-piece design with a one-piece lead construction. Overall dimensions are unchanged however, due to the construction technique, minor changes including a package side to base radius and pin diameter at the package wall will be noticed.

**Reason For Change:**

The new package offers several improvements including reduced lead electrical resistance (Glidcop vs. Zirconium Copper leads), strengthened package to lead seals (ceramic vs. glass), one-piece construction of both the package and leads eliminates several brazing operations and reduces opportunities for package leakage.

**Change Effectivity:**

1 January 2013

**Qualification Plan & Results:**

Micropac has successfully completed element evaluation and product qualifications per MIL-PRF-38534, Class K.

**Micropac Contact:**

(972)272-3571

Jim Keathly, Microcircuits Division QA Manager

**PCN Date:**

27 June 2012