



## EPPL COMPONENT

Originator: Manuel Morales

Status: CLOSED

Company: EUROFARAD

Accepted: 2014-02-14

EPPL Part: 1

Group: CAPACITORS

Subgroup:

PLASTIC METALLIZED

Part type: HT86PS

Description: Capacitors, Fixed, reconstituted MICA, High Voltage, based on type HT86PS. Cap.  
Range(nF) Tol.(±%) Rated Volt.(V) 0.68 to 15 10 20000 1.5 to 33 10  
15000 3.3 to 68 10 12500 1.0 to 100 10 10000 2.2 to 220  
10 7500 6.8 to 470 10 5000 15 to 1000 10 3500 15 to  
1500 10 2500 33 to 2200 10 1500 Temperature Coefficient:  
Temperature (°C.) Capacitance change (%) +22 to -55 -3.0 min +22 to  
+125 +10 max Size (max mm):36x11x5 to 106x51x15 depending on  
Voltage/Capacitance Value Operating Temperature Range (°C) : -55 to +125

Detail spec: 3006/022

Package: AXIAL

Manufacturer: EUROFARAD

### APPROVAL STATUS

Qualification: ESCC QPL

Other:

Highest screening level (MIL): ESA QPL

Evaluation programmes or other approvals:

Former space usage:

### PREVIOUS PROCUREMENT AND TEST DATA

Test data (Evaluation, Lot acceptance, DPA, MIL QCI/TCI, ...):

### RADIATION HARDNESS DATA

Total dose effects:

Displacement damage:

Single event effects (SEL/SEU/SET/SEFI/SEB/SEGR/others):

### REMARKS