

Earlier Approval  
Number Year  
Nil Nil



Certificate No. : 4446  
Date of Issue : 01 JAN 2008  
Date of Expiry : 01 JAN 2011

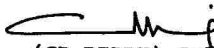
**GOVERNMENT OF INDIA**  
**Ministry of Defence**  
**LCSO QUALIFICATION APPROVAL**  
**(UNDER THE PROVISIONS OF JSS 50102)**


*Grant of this Approval confirms the competence of*

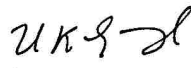
Ace Components & Electronics Pvt. Ltd.  
Plot no. 11 & 12  
Hootagalli Industrial Area  
MYSORE- 570 018

*to manufacture the component (s) described below:*

- |                                |   |
|--------------------------------|---|
| 1 Component                    | : Resistors, fixed, film, insulated, axial terminations, 1 W at 70°C                            |
| 2 Manufacturer's Code          | : MA-0100-01  |
| 3 Joint Services Specification | : JSS 50401   |
| 4 Style Reference              | : RFGP2-1.0   |
| 5 Range                        | : 10 ohm to 1 mega ohm; Tol. $\pm 1, 2, & 5\%$<br>Stability : $\pm 2\%$ ; TCR: $\pm 100$ ppm/°C |
| 6 JSS 50101 Severities         |   |
| Temperature                    | : T 65/150 (-65°C to + 150°C)   |
| Damp Heat                      | : H 13 (6 cycles and 56 days)   |
| Air Pressure (Low)             | : P 19 : 1 kPa  |
| Acceleration (Steady State)    | : A 12 : 1 km/s <sup>2</sup>  |
| Impact (Shock)                 | : S 14 : 1 km/s <sup>2</sup> , 6 ms   |
| Vibration                      | : V 14 : 10 to 2,000 Hz, 200 L/s <sup>2</sup>   |
| 7 Special Features             | : Body colour : Blue  |

  
(CR REDDY) Col  
Joint Controller, CQAL  
Chairman  
LCSO Panel

  
(A BALAJI)  
Scientist 'F'  
Officer-in-Charge  
Electronic Components Standardisation Organisation  
Electronics and Radar Development Establishment  
C.V. Raman Nagar, BANGALORE-560 093  
For Electronics Standardisation Sub-Committee

  
(UK GANGULI)  
Brig  
Officer-in-Charge  
Test Laboratory  
CQAL  
BANGALORE-560 006

Place : BANGALORE

Date : 21 Feb 2008

\* This approval does not obviate the need for Batch Acceptance tests.