

Earlier Certificate

<u>Number</u>	<u>Year</u>
3754	2000



Certificate No. : 4246  
Date of Issue : 01 OCT 2003  
Date of Expiry : 01 OCT 2006


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

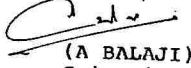
*Grant of this Approval confirms the competence of*


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, non-insulated, axial terminations, 2 W at 70°C                        |
| 2 Manufacturer's Code              | : CA 02-05                                                                                      |
| 3 Joint Services Specification     | : JSS 50401                                                                                     |
| 4 Style Reference                  | : RFGP9-2.0                                                                                     |
| 5 Range                            | : 10 ohm to 1 mega ohm ; Tol. : + 5% & 10%<br>Stability : $\pm 10\%$ ; TCR : $\pm 1,200$ ppm/°C |
| 6 JSS 50101 Severities             |                                                                                                 |
| <i>Temperature</i>                 | : T 40/100 (-40°C to +100°C)                                                                    |
| <i>Damp Heat</i>                   | : H 12 (2 cycles and 21 days)                                                                   |
| <i>Air Pressure (Low)</i>          | : P 18 : 2 kPa                                                                                  |
| <i>Acceleration (Steady State)</i> | : A 12 : 1 km/s <sup>2</sup>                                                                    |
| <i>Impact (Shock)</i>              | : S 14 : 1 km/s <sup>2</sup> , 6ms                                                              |
| <i>Vibration</i>                   | : V 11 : 10 to 500 Hz, 100 m/s <sup>2</sup>                                                     |
| 7 Special Features                 | : Body colour : Beige                                                                           |

  
(KS MANJUNATHA)  
JAG (SG), CQAL  
Chairman  
LCSO Panel

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

  
(JC PANT)  
Brig  
Officer-in-Charge  
Test Laboratory  
CQAL  
BANGALORE-560 006

Place : BANGALORE  
Date : 21-2-05