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Electrical Testing per Tusonix standard test plans and Mil-Std-202

Test Methods.

DIMENSIONS IN INCHES - DO NOT SCALE THIS DRAWING DIMENSIONS IN METRIC - [ ]


ORIENTATION


CIRCUIT


NOTES:

1. OPERATING TEMPERATURE RANGE $-55^{\circ} \mathrm{C} \mathrm{TO}+125^{\circ} \mathrm{C}$.
2. SOLDER PLATED CASE / SILVER PLATED LEAD.
3. EPOXY SEALED.
4. MAX. RECOMMENDED SOLDERING TEMPERATURE: $260^{\circ} \mathrm{C}$. SEE INSTALLATION RECOMMENDATIONS.
5. RECOMMENDED MOUNTING HOLE: . 135 [3.43] DIA.
6. SOLDER PREFORM FOR MOUNTING SUPPLIED WITH PARTS: STANDARD PART: (60Sn/40Pb).

| Cx (pF) |  |  | TOL. |  | DC WORKING VOLTAGE |  |  | $\begin{gathered} \text { DC } \\ \text { CURRENT } \\ \text { (AMPS) } \end{gathered}$ | $\begin{gathered} \text { DWV } \\ \text { (VDC) } \end{gathered}$ | $\begin{gathered} \text { I.R. } \\ \text { MIN.@ } \\ 100 \text { (VDC.) } \end{gathered}$ | MIN. NO LOAD INSERTION LOSS (dB) @ $\mathbf{2 5}{ }^{\circ} \mathrm{C}$ PER MIL-STD-220 |  |  |  |  | COLOR CODE |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $85^{\circ} \mathrm{C}$ | $125^{\circ} \mathrm{C}$ | 1 MHz | 10 MHz |  |  |  | 100 MHz | 1 GHz | 10 GHz |  |
| 27,000 |  |  |  |  | GMV |  |  | 70 | 50 | 10 | 150 | $10 \mathrm{G} \Omega$ | 10 | 28 | 42 | 65 | 65 | RED-RED |
|  |  |  |  |  |  |  |  |  |  |  | --TOLERANCES-Unless Otherwise Specified |  | SOLDER MOUNT EMI FILTER |  |  |  |
|  |  |  |  |  |  |  |  |  | ANGLES $\pm$ |  | Drawn | S.M. 01 | 15-07 | ${ }^{\text {Scale }} 7 \mathrm{X}$ |  |
|  |  |  |  |  |  |  |  |  | TUSONIX <br> TUCSON, ARIZONA |  | Approved | T.C. 01- | 15-07 |  |  |
|  |  |  |  |  |  |  |  |  |  |  | A | 4302-034 |  |  |  |

