

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ± .010"

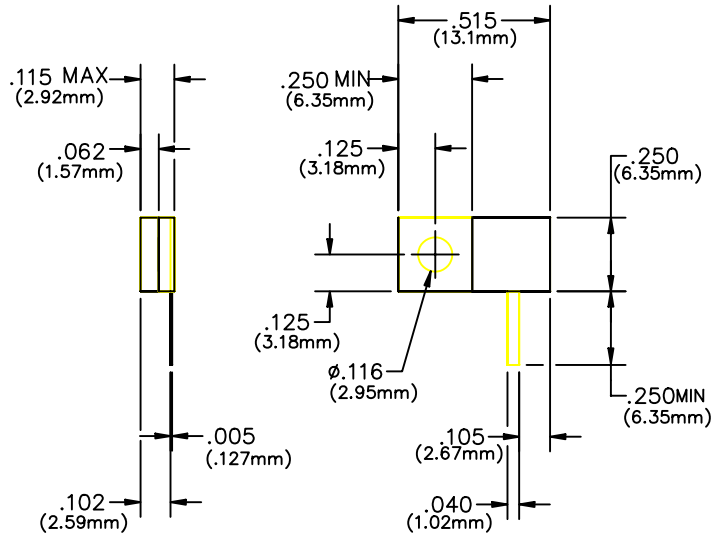
CAD#321046B2

DRAWING NO.

32-1046

REV.

B



MATERIALS:

MTG. FLANGE: COPPER PER ASTM B301
 SUBSTRATE: BERYLLIUM OXIDE
 COVER: PROTECTIVE COATING
 TAB: BERYLLIUM COPPER PER QQ-C-533
 RESISTIVE FILM: NICHROME

FINISH:

MTG. FLANGE: NICKEL PER QQ-N-290
 TAB: TIN PER MIL-T-10727

UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE AFTER PLATING
2. DIAMETERS ON COMMON ϕ TO BE CONCENTRIC WITHIN T.I.R.
3. SURFACE ROUGHNESS R. MAX.
4. CORNERS AND EDGES R. MAX.

TOLERANCES

DECIMAL	FRACTION	ANGLES
.X ±		
.XX ±	±	±
.XXX ±		

ALL DIMENSIONS ARE IN INCHES

REFERENCE

MATERIAL

FINISH



P.O. BOX 2207
 PALM CITY, FL. 34990

TITLE
**40 WATT
 FLANGE MOUNT
 TERMINATION**

B	DCN#0307	4/95	
A	DCN#0246	10/94	MTG
REV.	DESCRIPTION	DATE	APPR.

SCALE	CAGE CODE ID NO.	SIZE	DRAWING NO.	REV.
2X	2Y194	A	32-1046	B
APPR.	CHK	DRAWN	SHEET	OF
		PSC 10/13/94	1	2

CAD#321046B3

DRAWING NO.

32-1046

REV.

B

REQUIREMENTS	RATING	REQUIREMENTS	RATING								
NOMINAL IMPEDANCE (OHMS)	50 OHMS	VIBRATION	MIL-STD-202 METHOD 204 COND. D (20 G's)								
FREQUENCY RANGE (GHz)	DC- 8.4 GHz										
TEMPERATURE COEFFICIENT	LESS THAN 200 PPM	SHOCK	MIL-STD-202 METHOD 213 COND. 1 (100 G's)								
OPERATING TEMPERATURE (°C)	-55 TO +150										
VSWR (MAXIMUM)	1.15 MAX DC-1.0 GHz 1.30 MAX 1.0-8.4 GHz	TEMPERATURE CYCLING	MIL-STD-202 METHOD 102 COND. C (-65 TO +125 °C)								
AVERAGE POWER (WATTS)	40	TERMINAL STRENGTH	MIL-STD-202 METHOD 211 COND. A								
DC RESISTANCE	50 OHMS \pm 5%										
		MOISTURE RESISTANCE	MIL-STD-202 METHOD 106 LESS STEP 7B								
		SOLDERABILITY	MIL-STD-202 METHOD 208								
		RESISTANCE TO SOLDER HEAT	MIL-STD-202 METHOD 210 COND. A								
<p style="text-align: center;"><u>AVERAGE POWER DERATING</u></p> <table border="1"> <caption>Average Power Derating Data</caption> <thead> <tr> <th>Case Temperature (°C)</th> <th>% of Rated Power</th> </tr> </thead> <tbody> <tr> <td>25</td> <td>100</td> </tr> <tr> <td>70</td> <td>100</td> </tr> <tr> <td>150</td> <td>0</td> </tr> </tbody> </table>		Case Temperature (°C)	% of Rated Power	25	100	70	100	150	0		
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25	100										
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TITLE 40 WATT FLANGE
MOUNT TERMINATION



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DRAWN PSC 10/13/94

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SHEET 2 OF 2

REV.

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