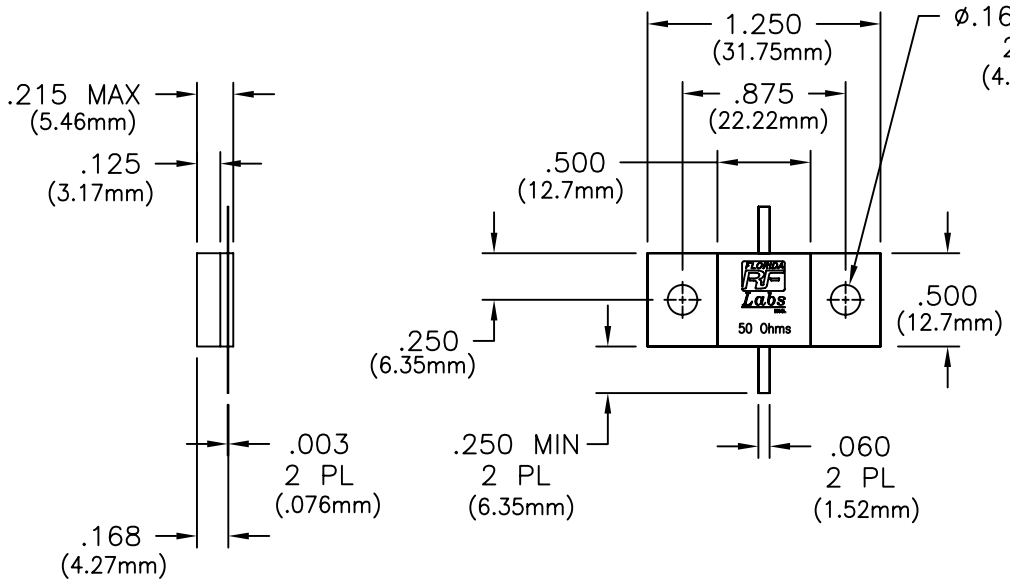
EDD

DRAWING NO.	REV.
31A1123*F	—

1. UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ±.010 (.254mm)
2. *= RESISTANCE RANGE AVAILABLE.



MATERIALS:

FLANGE: COPPER PER ASTM B301
SUBSTRATE: BERYLLIUM OXIDE
COVER: ALUMINA
TAB: BERYLLIUM COPPER PER QQ–C–533
RESISTIVE FILM: THIN FILM

FINISH:

RoHS COMPLIANT
FLANGE: NICKEL PER QQ–N–290
TAB: SILVER PLATED

TECHNICAL:

NOMINAL IMPEDANCE: 50 OHMS
FREQUENCY RANGE: DC–1.0 GHz
AVERAGE POWER: 500 WATTS
*DC RESISTANCE: 10–400 OHMS
CAPACITANCE (MAX): 1.5 pF
TEMPERATURE COEFFICIENT: ± 200 PPM/°C MAX
OPERATING TEMPERATURE: –55°C TO +150°C

REV.	DESCRIPTION	DATE	APPR.

UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE AFTER PLATING
2. DIAMETERS ON COMMON ℄ TO BE CONCENTRIC WITHIN ____ T.I.R.
3. SURFACE ROUGHNESS ✓
4. CORNERS AND EDGES ____ R. MAX.
5. REMOVE BURRS AND BREAK SHARP EDGES

TOLERANCES

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

ALL DIMENSIONS ARE IN INCHES

REFERENCE

MATERIAL

FINISH

FLORIDA RF Labs INC.
P.O. BOX 899
STUART, FL. 34995

TITLE
RESISTOR, FLANGE MOUNT 500 WATT

SCALE	CAGE CODE ID NO.	SIZE	DRAWING NO.	REV.
1X	2Y194	A	31A1123*F	—

APPR.	CHK	DRAWN CRH 10/11/06	SHEET 1 OF 2