

# RESISTOR, TERMINATION TABBED

## HIGH POWER



MODELS: PPC250-250AXGYYYY, PPC250-250AGCYYYY, PPC250-250BXCYYYY, PPC250-250BGCYYYY

### SPECIFICATIONS:

#### Electrical:

Standard Ohm Values \_\_\_\_\_ 50 & 100 Ohms

#### Power (C/W)

PPC250-250AXCXXXXZ \_\_\_\_\_ 170 Watts Max.

PPC250-250AGCXXXXZ \_\_\_\_\_ 170 Watts Max.

PPC250-250BXCXXXXZ \_\_\_\_\_ 110 Watts Max.

PPC250-250BGCXXXXZ \_\_\_\_\_ 110 Watts Max.

150°C Maximum film Temperature

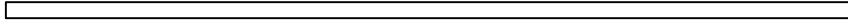
#### Mechanical:

Substrate \_\_\_\_\_ Beryllium Oxide Ceramic

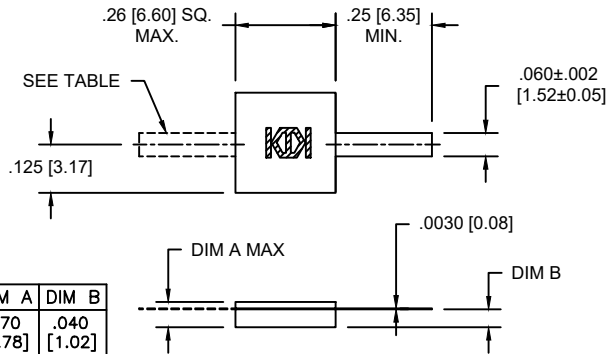
Cover Chip \_\_\_\_\_ 96% Alumina Ceramic

Resistive Element \_\_\_\_\_ Proprietary Thin Film

Tab \_\_\_\_\_ Gold Plated Beryllium Copper



Model Number: PPC250-250YYC-XXXXZ



| MODEL NUMBER       | # TABS | DIM A  | DIM B  |
|--------------------|--------|--------|--------|
| PPC250-250AXCXXXXZ | 2      | .070   | .040   |
| PPC250-250AGCXXXXZ | 1      | [1.78] | [1.02] |
| PPC250-250BXCXXXXZ | 2      | .090   | .060   |
| PPC250-250BGCXXXXZ | 1      | [2.29] | [1.52] |

### HOW TO ORDER:

Model Number: PPC250-250YYCXXXXZ

Power  
A = 170 Watts  
B = 110 Watts

Tab Config.  
X = 2 Tabs  
G = 1 Tab

#### Tolerance

G = 2%  
J = 5% (Standard)

Ohm Value (Other values available)  
50R0 = 50 Ohms  
1000 = 100 Ohms

#### Ordering Examples:

Model Number: PPC250-250AXC50R0J  
50 ±5%, 2 Tabs, 170 Watts

Model Number: PPC250-250BGC1000G  
100 ±2%, 1 Tab, 110 Watts

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

Design specifications are subject to change without notice.  
Contact factory for technical specifications before purchasing or use.

300 Dino Drive • Ann Arbor, MI 48103-9457 U.S.A. • 888-244-6638 or 734-426-5553 • FAX 734-426-5557 • inmet.apitech.com

OL-PPC250-250XXC; REV A


PROPRIETARY NOTICE  
THE INFORMATION CONTAINED  
IN THIS DRAWING IS PROPRIETARY  
AND SHALL NOT BE USED OR  
DISCLOSED WITHOUT THE PRIOR  
WRITTEN PERMISSION OF  
API INMET, INC.

### REVISIONS

| LTR | DESCRIPTION | DATE    | DCN NO.  |
|-----|-------------|---------|----------|
| A   | NEW DRAWING | 6/13/12 | 12-00352 |

REPLACES KDI A32217 REV C

NOTE: DIMENSIONS IN BRACKETS ARE EXPRESSED IN MILLIMETERS AND ARE FOR REFERENCE ONLY.

|   |  |  |                        |                 |  |                   |                              |
|---|--|--|------------------------|-----------------|--|-------------------|------------------------------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES<br><br>DECIMAL      ANGULAR<br>.XX ± .01      ±<br>.XXX ± .005<br>DO NOT SCALE DRAWING<br><br>MATERIAL:<br><br>FINISH<br><br>SIMILAR TO      WEIGHT (gr) |  |  | CONTRACT NO.           |                 | <br>300 DINO DRIVE<br>ANN ARBOR, MI 48103<br>TELEPHONE (734) 426-5553<br>FACSIMILE (734) 426-5557 |                   |                              |
|   |  |  | CHECKED<br>AEC         | DATE<br>6/29/12 |  |                   |                              |
|   |  |  | ENGINEERING<br>EA      | 6/20/12         |  |                   |                              |
|   |  |  | MANUFACTURING<br>EW    | 6/19/12         | TITLE:<br><br>OUTLINE DRAWING<br>RESISTOR, TERMINATION, TABBED<br>HIGH POWER<br>PPC250-250YYC SERIES   |                   |                              |
|   |  |  | QUAL. ASSURANCE<br>JBM | 6/19/12         |  |                   |                              |
|   |  |  | MARKETING<br>RG        | 6/28/12         | SIZE<br>A  | FSCM NO.<br>64671 | DWG. NO.<br>OL-PPC250-250XXC |
|   |  |  |                        |                 |  | SCALE<br>3:1      | RELEASE DATE                 |