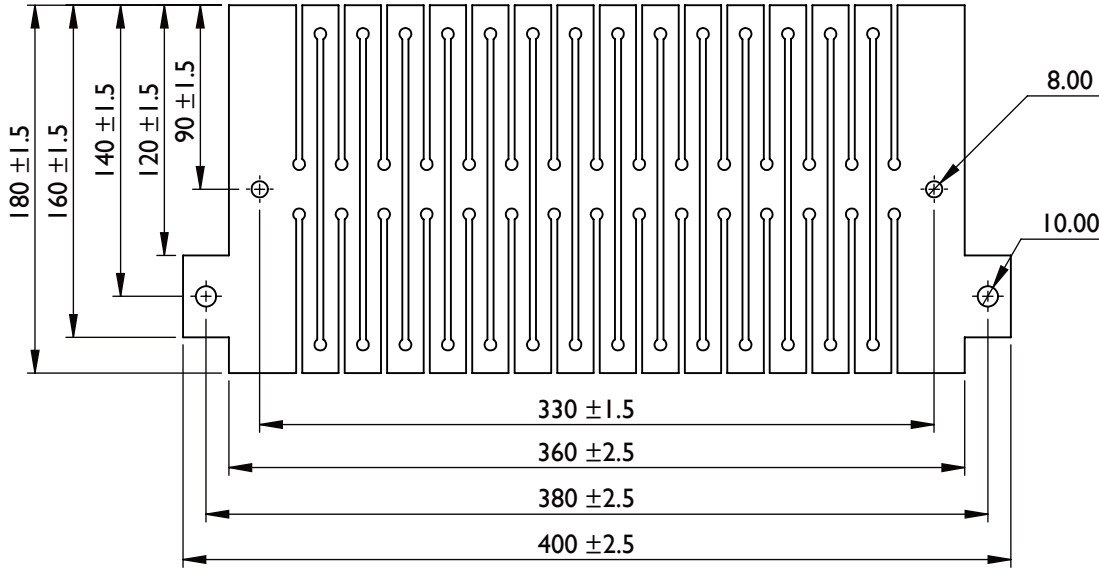


**WORK TO DIMENSIONS SPECIFIED DO NOT SCALE IF IN DOUBT ASK**

THIS DRAWING AND THE DATA CONTAINED IN IT ARE THE INTELLECTUAL PROPERTY OF THE COPYRIGHT OWNERS - PRECISION ELECTRONIC COMPONENTS MFG. CO. (PECC) AND THEIR CLIENTS. THEY MUST NOT BE REPRODUCED, IN PART OR FULL, OR DISCLOSED BY THE RECIPIENT TO THIRD PERSONS OR USED FOR THE PURPOSE OF CONSTRUCTION/MANUFACTURE OR IN ANY OTHER WAY EXPLOITED WITHOUT THE PRIOR CONSENT OR WRITTEN PERMISSION OF AN AUTHORISED REPRESENTATIVE OF PEC AND THEIR CLIENTS.



**Construction:**

: Steel Grid Resistor.

1. Material: : ANSI 304
2. Power Rating : 500W
3. Nominal Resistance (R<sub>nom</sub>) : 0.047Ω
4. Tolerance : ± 10%
5. R cold : 0.9 R<sub>nom</sub> ± 10%
6. Standard Ambient Temperature : -25 °C to +60 °C.
7. Standard Elevation : Upto 1000m above the sea level.
8. Constant Current Rating : 104 Amps

All dimensions are in mm

HYBRID: INCH (METRIC)  METRIC (INCH)  INCH  METRIC  
GENERAL LIMITS (AS APPLICABLE) - UNLESS OTHERWISE SPECIFIED

	INCHES	MILLIMETRES
ALL DIMENSIONS IN		
TOL. ON LINEAR DIMENSIONS WITH NO DECIMAL DIGIT	+0.04	+1.0
TOL. ON LINEAR DIMENSIONS WITH ONE DECIMAL DIGIT	±0.02	±0.5
TOL. ON LINEAR DIMENSIONS WITH TWO DECIMAL DIGITS	±0.01	±0.25
TOL. ON ANGLES	±2°	±2°

DISTRIBUTION  
 Ch. Ex.  MR  Hd. D/G  
 G. Ref.  QA  SE  
 MM  QC  Prodn.  
 CM  D/G  EM

PROJECT REFERENCE, PART No. AND / OR DRAWING ID

FIRST ANGLE PROJECTION



**PRECISION ELECTRONIC COMPONENTS MFG. CO.**

HYDERABAD, INDIA

Ph. +91 (0)40 2712 0283 Email. engg@peccomponents.com



ZONE	REF.	DRAWING / PART ID	DESCRIPTION	MATERIAL	NO. OFF.
		<b>MATERIAL AND SPECIFICATION</b>	<b>PROCESS SPECIFICATION / FINISH SPECIFICATION / HEAT TREATMENT / PROTECTIVE TREATMENT</b>		
ZONE	ISSUE	DATE	ALTERATION REF.		

Dimensional Tolerance	22/07/2013		

DESIGN REDESIGN	Not Applicable
DRAWN REDRAWN	NTR
CHECKED RECHECKED	VR
STRESSED RESTRESSED	Not Applicable
APPROVED REAPPROVED	VR
	22/07/2013

SOFTWARE AND CAD FILE REFERENCE	TITLE
	<b>STEEL GRID RESISTOR-500W</b>
WEIGHT metric (FPS)	SCALE
ESTIMATE	
ACTUAL	
DRAWING / PART ID AND REV. SHEET 1 of 1 SIZE A4	
<b>PSGR500-0R047-K Rev C</b>	