



**TITLE: SPECIFICATION CONTROL DRAWING**

**PART IDENTIFIER:**

TRP 6-18 X,5



**DESCRIPTION:** : ROD RESISTOR, BERYLLIA

**ASSEMBLY DWG:** 1300034

**1.0 SPECIFICATIONS:**

- 1.1 ELECTRICAL:
  - 1.1.1 RESISTANCE RANGE: 10Ω TO 250Ω.
  - 1.1.2 TOLERANCE: 5%.
  - 1.1.3 INPUT POWER:
    - 1.1.3.1 IN AIR 125°C: 0.25 WATT.
    - 1.1.3.2 HEAT SINK 100°C: 10 WATTS.

- 1.2 MECHANICAL:
  - 1.2.1 OUTLINE DWG: SEE SHEET 2.

- 1.3 ENVIRONMENTAL:
  - 1.3.1 TEMPERATURE RANGE:
    - 1.3.1.1 NON-OPERATING: -55° C TO +150° C.
    - 1.3.1.2 OPERATING: -55°C TO +125°C.

**2.0 UNIT MARKING:** NONE

**3.0 QUALITY ASSURANCE:**

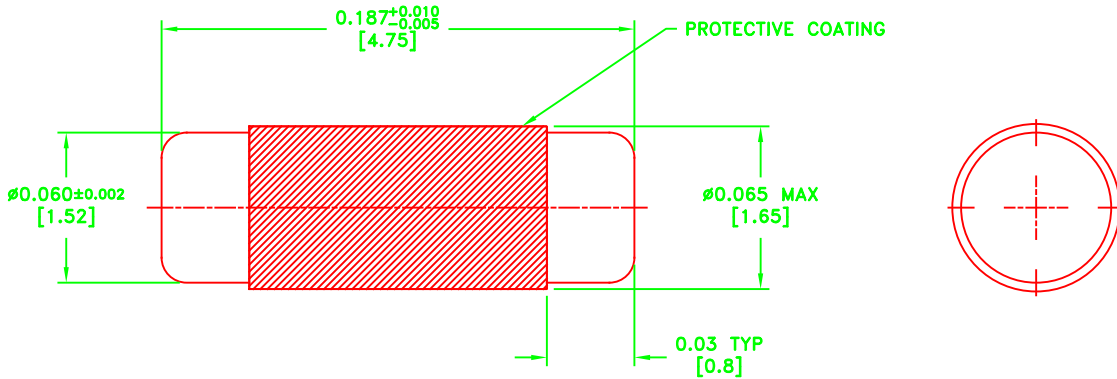
- 3.1 SAMPLE INSPECT PER ANSI/ASQC Z1.4 GENERAL INSPECTION, LEVEL II, AQL = 1.0.
  - 3.1.1 VISUAL AND MECHANICAL EXAMINATION FOR CONFORMANCE TO CONTROL DRAWING REQUIREMENTS.
  - 3.1.2 MEASURE DCR.
    - 3.1.2.1 ACCEPTANCE LIMITS: RESISTANCE VALUES AND TOLERANCE AS SPECIFIED ON SHOP/FACTORY ORDER.

**4.0 PACKAGING:** : STANDARD PACKING PER 755W002.

<b>EMC TECHNOLOGY</b> 8851 SW OLD KANSAS AVE. STUART, FL 34997	<b>CAGE CODE # 24602</b>		<b>DWG #</b>	1001605000
	<b>CHANGE NOTICE</b>	EN 13-2976	<b>REV LVL</b>	D
			<b>SHEET</b>	1 OF 2

PART ID REF

TRP 6-18



**MECHANICAL SPECIFICATIONS:**

**SUBSTRATE:**  
**MATERIAL - BERYLLIA 99.5%, ASTM F356.**  
**TERMINAL:**  
**MATERIAL - GOLD OVER NICKEL PLATING.**

METRIC EQUIVALENTS GIVEN IN [mm]  
FOR REFERENCE INFORMATION ONLY



8851 SW OLD KANSAS AVE  
 STUART, FL 34997  
 PHONE NO. (772)286-9300  
 FAX NO. (772)283-5286

UNLESS OTHERWISE  
 SPECIFIED DIMENSIONS  
 ARE IN INCHES

TOLERANCES	
FRACT	--- ---
ANG	--- ---
XX	$\pm 0.01$
XXX	$\pm 0.005$
XXXX	--- ---

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CAGE CODE	SCALE	DRAWN BY	CHECKED BY	APPROVED BY
24602	1:1	CME 08/06/2001		DAR 8/8/01
REV	CHANGE NOTICE	DRAWING NO	SHEET	
D	EN 13-2976	1001605000	2 OF 2	