



**TITLE: SPECIFICATION CONTROL DRAWING**

**PART IDENTIFIER:**

TRP 8-18 X ,5



**DESCRIPTION:** : ROD RESISTOR, BERYLLIA

**ASSEMBLY DWG:** 1300014

**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: 20 WATTS.

1.2 MECHANICAL:

- 1.2.1 OUTLINE DWG: SEE SHEET 2.
- 1.2.2 WORKMANSHIP: PER MIL-STD-454, REQUIREMENT 9.

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 VISUAL INSPECTION:

- 3.1.1 SAMPLE INSPECT PER ANSI/ASQC Z1.4 GENERAL INSPECTION, LEVEL II, AQL = 1.0.
- 3.1.2 VISUAL AND MECHANICAL EXAMINATION FOR CONFORMANCE TO CONTROL DRAWING REQUIREMENTS.

3.2 100% DCR CHECK:

- 3.2.1 ACCEPTANCE LIMITS: RESISTANCE VALUES AND TOLERANCE AS SPECIFIED ON PART ROUTING.

3.3 SAMPLE DCR CHECK. 5% TOLERANCE ONLY.

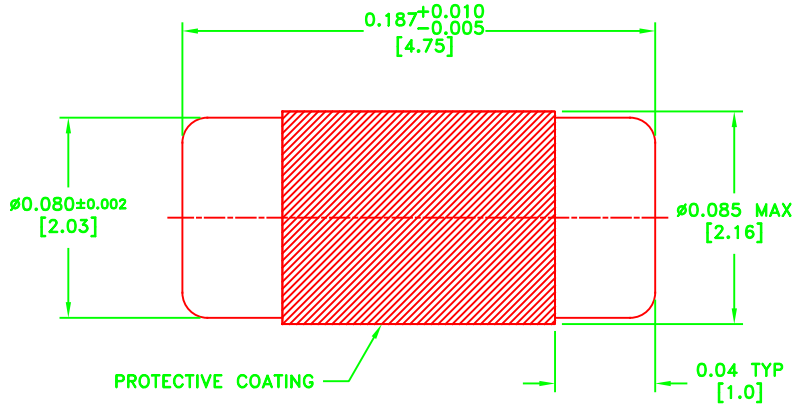
- 3.3.1 SAMPLE INSPECT PER ANSI/ASQC Z1.4 GENERAL INSPECTION, LEVEL II, AQL = 1.0.
- 3.3.2 ACCEPTANCE LIMITS: RESISTANCE VALUES AND TOLERANCE AS SPECIFIED ON PART ROUTING.

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

<b>EMC TECHNOLOGY</b> <b>8851 SW OLD KANSAS AVE.</b> <b>STUART, FL 34997</b>	<b>CAGE CODE # 24602</b>		<b>DWG #</b>	1001615000
	<b>CHANGE NOTICE</b>	EN 13-2976	<b>REV LVL</b>	E
			<b>SHEET</b>	1 OF 2

PART ID REF

TRP 8-18



**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	±0.01
XXX	±0.005
XXXX	---

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CAGE CODE	SCALE	DRAWN BY	CHECKED BY	APPROVED BY
24602	1:1	CME 01/09/2002		DAR 1/9/02
REV	CHANGE NOTICE	DRAWING NO	SHEET	
E	EN 13-2976	1001615000	2 OF 2	