

**TITLE: SPECIFICATION CONTROL DRAWING**

**PART IDENTIFIER:**

TRM 4-12 X,X



**DESCRIPTION:** ROD RESISTOR, ALUMINA

**ASSEMBLY DWG:** 1200004

**1.0 SPECIFICATIONS:**

**1.1 ELECTRICAL:**

- 1.1.1 RESISTANCE RANGE: 10Ω TO 250Ω.
- 1.1.2 TOLERANCE: 1%, 2%, OR 5%.
- 1.1.3 INPUT POWER:
  - 1.1.3.1 IN AIR 125° C: 0.1 WATT.
  - 1.1.3.2 HEAT SINK 100°C: 1 WATT.

**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:**

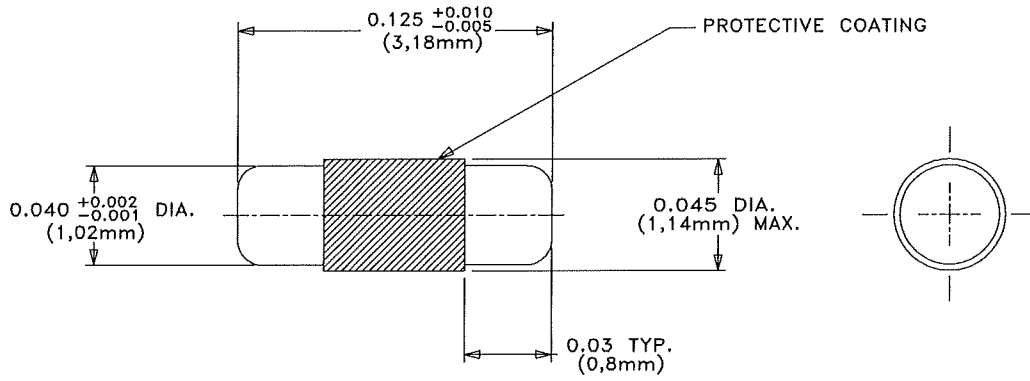
- 2.1 SAMPLE INSPECT PER MIL-STD-105, LEVEL II, 1.0 AQL.
  - 2.1.1 VISUAL AND MECHANICAL EXAMINATION FOR CONFORMANCE TO CONTROL DRAWING REQUIREMENTS.
  - 2.1.2 MEASURE AND RECORD DCR.
    - 2.1.2.1 ACCEPTANCE LIMITS: RESISTANCE VALUES AND TOLERANCE AS SPECIFIED ON SHOP/FACTORY ORDER OR ASSEMBLY.

**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>	1001475000
	<b>CHANGE NOTICE</b>	EN 09-E0216	<b>REV LVL</b>	B
			<b>SHEET</b>	1 OF 2

PART ID REF

TRM 4-12



METRIC EQUIVALENTS GIVEN IN [mm]  
FOR REFERENCE INFORMATION ONLY

**MECHANICAL SPECIFICATIONS:**

SUBSTRATE:  
MATERIAL - ALUMINA 96%, MIL-I-10.  
TERMINAL:  
MATERIAL - GOLD OVER NICKEL PLATING.



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	JG 3/11/09		
REV	CHANGE NOTICE	DRAWING NO	SHEET	
B	EN 09-E0216	1001475000	2 OF 2	