



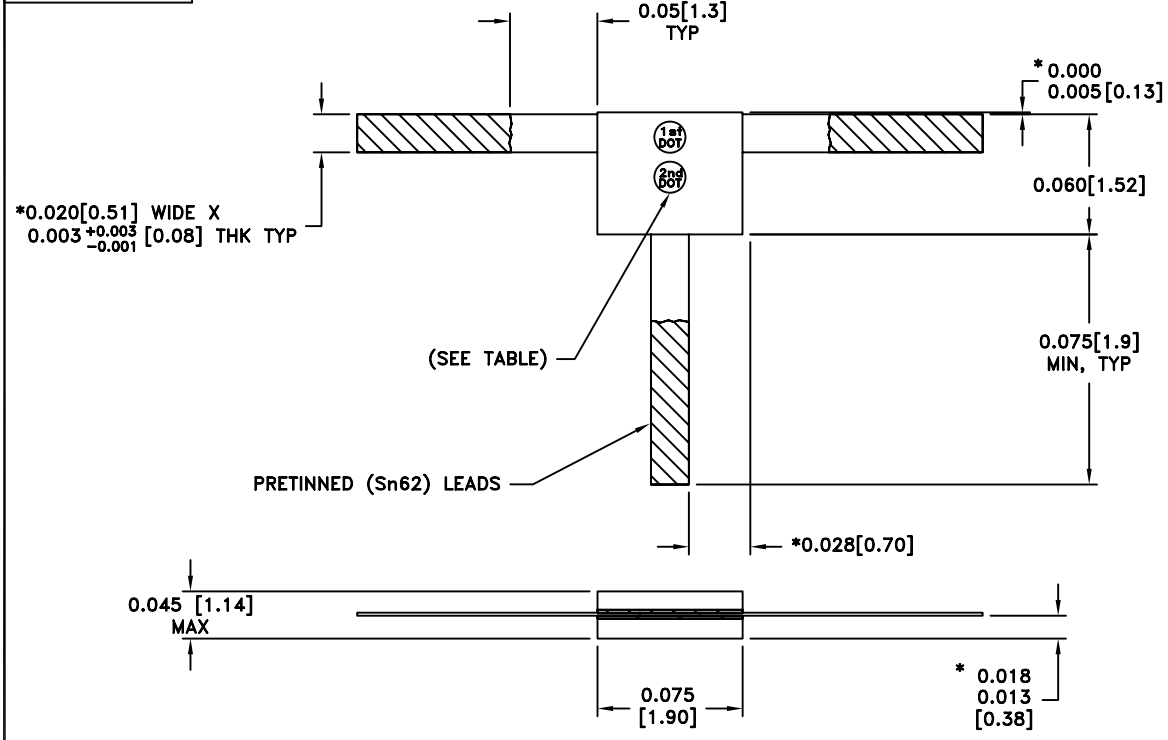
- 3.1 100% INSPECT (CONT'D):
  - 3.1.4 10 CYCLE THERMAL SHOCK @-55° TO +125°C.
  - 3.1.5 MEASURE AND RECORD VSWR AND ATTENUATION AT FREQUENCY AS FOLLOWS:
    - 0 TO 10.0 DB - @ 4.0 GHZ
    - 11.0 TO 20.0 DB - @ 1.0 GHZ
  - 3.1.6 ACCEPTANCE LIMITS: SAME AS 3.1.3.
  - 3.1.7 168 HR. BURN-IN @ 100 MW @ 25°C.
  - 3.1.8 MEASURE AND RECORD VSWR AND ATTENUATION AT FREQUENCY AS FOLLOWS:
    - 0 TO 10.0 DB - @ 4.0 GHZ
    - 11.0 TO 20.0 DB - @ 1.0 GHZ
  - 3.1.9 ACCEPTANCE LIMITS: SAME AS 3.1.3

- 3.2 TEST DATA REQUIREMENTS:
  - 3.2.1 TEST DATA REQUIRED.
  - 3.2.2 DATA RETENTION PERIOD - 24 MONTHS.

4.0 **PACKAGING:** STANDARD PACK 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>	1009435000
	<b>CHANGE NOTICE</b>	EN 09-E1001	<b>REV LVL</b>	B
			<b>SHEET</b>	2 OF 3

PART ID REF
HR95XXT3S



METRIC EQUIVALENTS GIVEN IN [mm] FOR REFERENCE INFORMATION ONLY

**MECHANICAL SPECIFICATIONS:**

**SUBSTRATE & TOP PLATE:**  
MATERIAL - ALUMINA 96%, MIL-I-10.

**TERMINAL:**  
MATERIAL - PLATINUM GOLD.

**RESISTIVE ELEMENT:**  
MATERIAL - TANTALUM NITRIDE.

**LEAD:**  
MATERIAL - COPPER, ASTM B152.  
FINISH: GOLD, MIL-G-45204, TYPE II, CLASS 1.

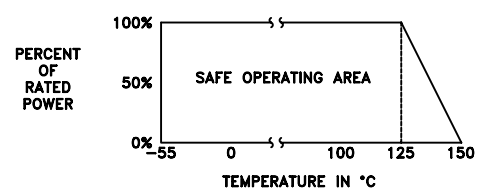
**SOLDER:**  
MATERIAL - Sn62, QQ-S-571.

ALLOW +/- 0.010 ON TOP PLATE FOR MISALIGNMENT

\* DIMENSIONS APPLY BEFORE SOLDER. ALLOW 0.015 MAX FOR ALL PRETINNED SURFACES.

REFERENCE TABLE					
dB VAL	DOT COLOR		dB VAL	DOT COLOR	
	1st	2nd		1st	2nd
0	BLK	---	11	BRN	BRN
1	BRN	---	12	BRN	RED
2	RED	---	13	BRN	ORG
3	ORG	---	14	BRN	YEL
4	YEL	---	15	BRN	GRN
5	GRN	---	16	BRN	BLU
6	BLU	---	17	BRN	VIO
7	VIO	---	18	BRN	GRY
8	GRY	---	19	BRN	WHT
9	WHT	---	20	RED	BLK
10	BRN	BLK			

**POWER RATING AND DERATING**



<p>8851 SW OLD KANSAS AVE STUART, FL 34997 PHONE NO. (772)286-9300 FAX NO. (772)283-5286</p>	<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</p> <p><b>TOLERANCES</b></p> <p>FRACT --- -- ANG --- -- XX ±0.02 XXX ±0.005 XXXX --- --</p>	<p>THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EMC TECHNOLOGY INC AND SHALL NOT BE DUPLICATED OR USED AS BASIS FOR THE MANUFACTURE OR SALE OF PARTS OR DEVICES WITHOUT PERMISSION.</p>			
	<p>CAGE CODE <b>24602</b></p>	<p>SCALE <b>1:1</b></p>	<p>DRAWN BY</p>	<p>CHECKED BY</p>	<p>APPROVED BY <b>DAR 4/10/01</b></p>
	<p>REV <b>B</b></p>	<p>CHANGE NOTICE <b>EN 09-E1001</b></p>	<p>DRAWING NO <b>1009435000</b></p>	<p>SHEET <b>3 OF 3</b></p>	