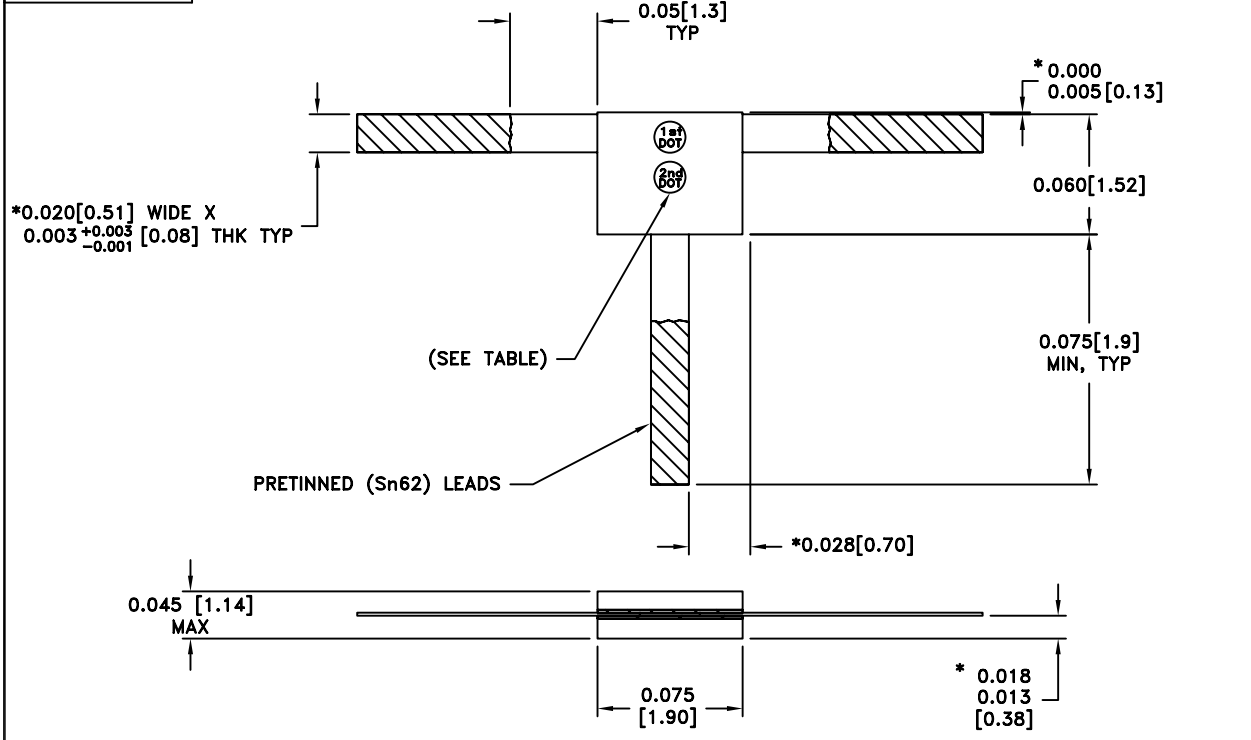




PART ID REF  
TS95XXT3S



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.

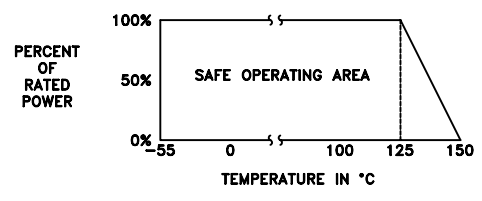
**SOLDER:**  
MATERIAL - Sn62, QQ-S-571.

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**



**EMC Technology**  
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 ±0.02  
XXX ±0.005  
XXXX --- ---

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CAGE CODE <b>24602</b>	SCALE <b>1:1</b>	DRAWN BY <b>JG 3/16/10</b>	CHECKED BY	APPROVED BY
REV <b>D</b>	CHANGE NOTICE <b>EN 10-E0406</b>	DRAWING NO <b>1001095000</b>	SHEET <b>2 OF 2</b>	