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**PRODUCTION
RELEASE**

NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION.

INTERPRET IAW ANSI Y14.5-1982

REVISIONS

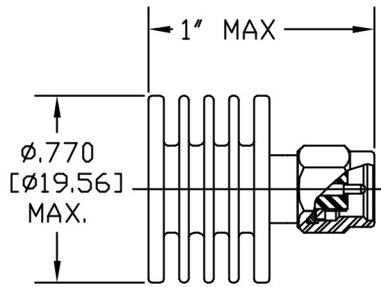
LTR	DESCRIPTION	DATE	APPROVED
B	ADDED ORDERING INFO - NEW TITLE BLOCK	4/23/10	T. KUHN

SPECIFICATIONS

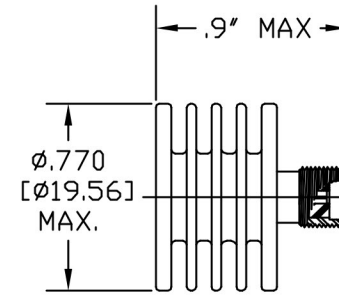
FREQUENCY RANGE: DC TO 6,12.4 OR 18 GHz
 VSWR(MAX.): 1.15:1 (DC - 4 GHz)
 1.20:1 (4 - 12.4GHz)
 1.25:1 (12.4 - 18 GHz)

POWER(AVG): 5 WATTS CW
 DERATING: FULL @25°C AMBIENT TO 20% @125°C
 (PEAK): 500 WATTS MAX.
 @5 μSEC PULSE WIDTH x 0.25% DUTY CYCLE

IMPEDANCE(NOM.): 50 OHMS



HT18M-5




HT18F-5

NOTES:

- MATERIAL: CENTER CONDUCTOR: BERYLLIUM COPPER PER QQ-C-530
 OUTER CONDUCTOR: STAINLESS STEEL PER ASTM A484 & A582, CLASS 303, COND. A
 HOUSING: ALUMINUM PER QQ-A-225(2024)
 DIELECTRIC: TEFLON PER ASTM D1710.
 RESISTOR SUBSTRATE: ALN OR ALUMINA CERAMIC
- FINISH: CENTER CONDUCTOR: GOLD PER MIL-G-45204
 OVER COPPER PLATE PER MIL-C-14550
 OUTER CONDUCTOR: PASSIVATED PER ASTM A380.
 HOUSING: BLACK ANODIZE
 RESISTOR: PROPRIETARY THIN FILM WITH SiO₂ PROTECTIVE COATING

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000	UNLESS OTHERWISE SPECIFIED TOLERANCES IN:	DRAWN D. SAUNDERS 7/5/2005	DATE DATE
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING	DECIMALS INCH MM	CHECKED	DATE
SURFACE ROUGHNESS	.X" .03" [.76] .XX" .010" [.25] .XXX" .005 [.127] .XXXX" .0005" [.013]	ENG. D. SAUNDERS 7/5/2005	DATE
FINISH: SEE NOTES	ANGLES ±0°30'	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HASCO COMPONENTS AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS A BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS WRITTEN PERMISSION OF HASCO COMPONENTS	
MATERIAL: SEE NOTES	REMOVE ALL BURRS/SHARP EDGES WITH BREAK / R OF .005" TO .0005" UNLESS OTHERWISE NOTED	TITLE 5 WATT POWER TERMINATIONS OUTLINE DRAWING	

		HASCO, INC. COMPONENTS DISTRIBUTOR		5214 Bonsai Street Moorpark, CA (888) 498-3242 www.hasco-inc.com	
SIZE B	CAGE CODE 0T8L4	DRAWING NUMBER HT18X-5		SCALE 20:1	
SHEET 1 OF 1		XXX		SHEET 1 OF 1	

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BCSI