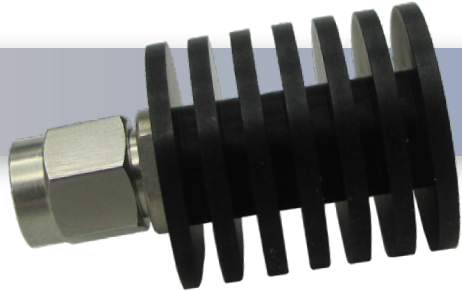


Part No:

# HT18M-5A



## 5 Watt RF Load Termination with SMA Male Connector - 18 GHz



The HASCO **HT18M-5A** is an SMA RF Load Termination from HASCO. This RF Load Termination will operate up to 18 GHz and rated for 5 Watt. The SMA termination was developed for dense connector application, 5G requirements and high speed simulator testing.

The HT18M-5A is RoHS compliant.



HASCO stocks an extensive selection of RF Loads, also known as Terminations. They are used to prevent signals from flowing back into a transmission line causing unwanted distortion and power loss. Terminations are available for coaxial transmission lines and waveguide.

### Electrical

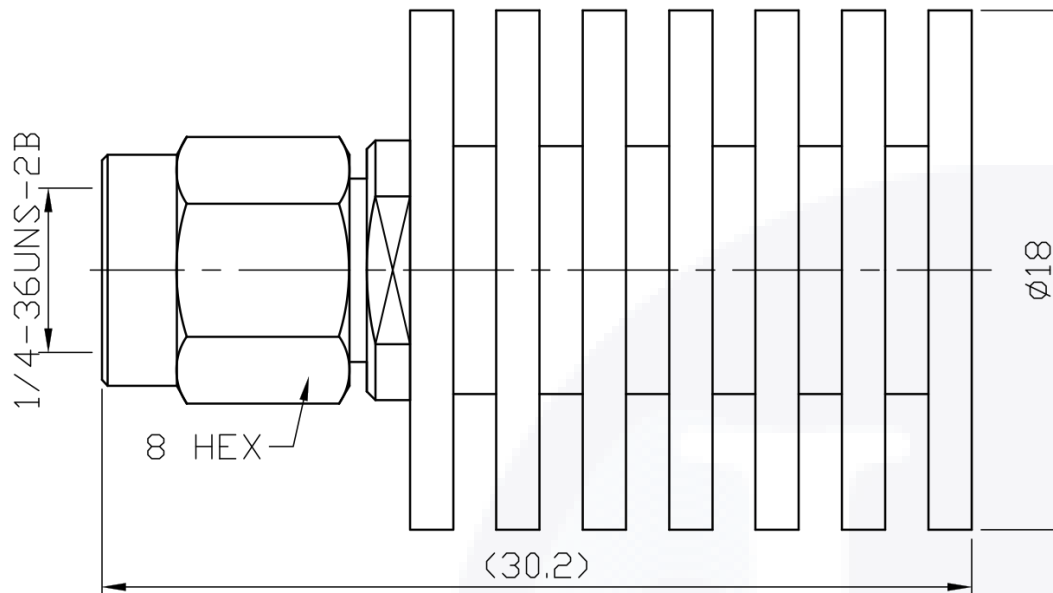
• Impedance	50 Ohms
• Frequency Range	DC - 18 GHz
• VSWR	1.25:1 @18 GHz Max
• Insertion Loss	$\leq 0.4 \times \sqrt{f(\text{GHz})}$ dB
• Diel. Withstanding Voltage	1500V
• Working Voltage	500V
• Insulation Resistance	$\geq 5000\text{M}\Omega$
• Contact Resistance (Inner)	$\leq 3\text{M}\Omega$
• Contact Resistance (Outer)	$\leq 2\text{M}\Omega$
• Temperature Range	-55° to 165°C
• Contact Captivation-Axial	$\geq 6.1\text{lbs}$


### Material

Note: All plating thickness values are in micro-inches.

• Body	Aluminium (Plating: Black Anodized 100)
• SMA Body & Coupling Nut	Passivated Stainless Steel
• Contact Pin	Brass (Plating: Gold over Nickel-Phosphorus Alloy 80 over Copper 20)
• Retainer Ring	BeCu (Plating: Tin-Zinc-Copper Alloy 100 over Copper 50)
• Insulator	PPO
• Gasket	Silicone

5 Watt RF Load Termination with SMA Male Connector | DC - 18 GHz | Outline Drawing



LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: NS	CHECKED BY: JMS		5214 Bonsai Street • Moorpark, CA 93021 (888) 498-3242 • sales@hasco-inc.com <a href="http://www.hasco-inc.com">www.hasco-inc.com</a>			
-	RELEASE	07/22	TAC	APPROVED BY: TAC						
				THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HASCO COMPONENTS AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS THE BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS, WRITTEN PERMISSION OF HASCO COMPONENTS.			MATERIALS:	CAGE CODE:	SCALE:	SIZE:
							SEE DATA SHEET	0T8L4	N/A	A
							FINISHES:	PART NO./DRAWING NO.		REV:
							SEE DATA SHEET	<b>HT18M-5A</b>		-
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