

Part No:

HT18M-1



1 Watt RF Load Termination with SMA Male Connector - DC to 18 GHz

Electrical

• Impedance	50 Ohms
• Frequency Range	DC - 18 GHz
• VSWR	1.15:1 Max

Material

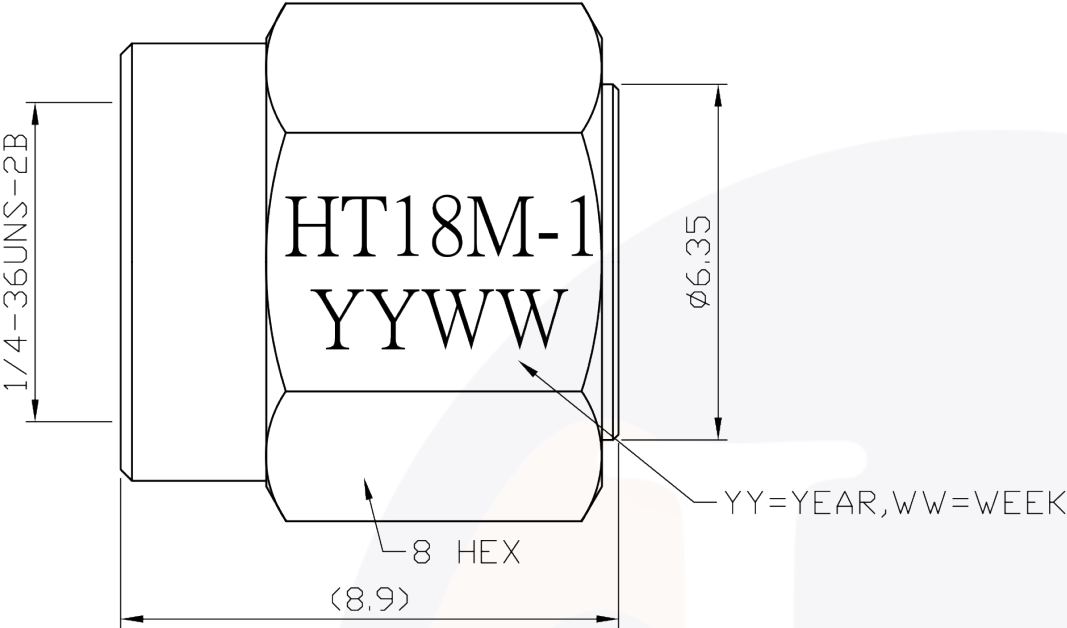
• Shell	Passivated Stainless Steel
• Body	Passivated Stainless Steel
• Dielectric	PTFE
• Center Contact	Gold Plated BeCu
• Gasket	Silicone
• Retainer Ring	Tin-Zinc-Copper Alloy plated BeCu


The HASCO **HT18M-1** is an SMA Male RF Load / RF Termination manufactured by HASCO Components. HT18M-1 is rated for operation from DC to 18 GHz and rated for 1 Watt. RF Loads, also known as Terminations are used to prevent signals from flowing back into a transmission line causing unwanted distortion and power loss.

The HT18M-1 is RoHS compliant.



RF load/terminations are indispensable components in many RF, microwave and millimeter wave systems where signal reflection from unused ports can potentially damage the device or reduce the signal integrity. By using a termination on an unused port with a matched load (dummy load), the incident energy will be absorbed with minimal reflection. These termination components are commonly used to terminate devices such as couplers, circulators, and switches. They are also widely used in measurement systems to ensure accurate results. HASCO offers a huge selection of RF, microwave and millimeter wave terminations up to 65 GHz with excellent performance over the entire operating range and power handling capabilities up to 800 Watt (CW).



LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: NS	REVIEWED BY: JS	<div><div>5214 Bonsai Street • Moorpark, CA 93021 (888) 498-3242 • sales@hasco-inc.com www.hasco-inc.com</div></div>
-	RELEASE	12/16	TC		APPROVED BY: TC	
A	OUTLINE UPDATE	1/24	TC	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.		
THIS DRAWING IS A CONTROLLED DOCUMENT						

MATERIALS:	CAGE CODE:	SCALE:	SIZE:
SEE DATA SHEET	0T8L4	N/A	A
FINISHES:	PART NO./DRAWING NO.		REV:
SEE DATA SHEET	HT18M-1		A