

Part No:

# HT65M-1



## 1 Watt 1.85mm Male Coaxial Termination - 67 GHz



### Features

- RoHS Compliant



The HASCO HT65M-1 is a 1.85mm Male Coaxial Termination manufactured by HASCO Components. HT65M-1 is rated for operation from DC to 67 GHz and rated for 1 Watts. RF Loads, also known as Terminations 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  $\Omega$
- Frequency Range DC - 67 GHz
- VSWR 1.20:1 @ DC - 18 GHz  
1.30:1 @ 10 - 40 GHz  
1.35:1 @ 40 - 67 GHz
- Average Power 1 Watt AVG TO 25°C (AMBIENT TEMPERATURE, DERATED LINEARLY TO 0.1 W @ 125°C)
- Peak Power 0.1 KW (5  $\mu$ S PULSE WIDTH WITH 0.5% DUTY CYCLE)
- Torque 0.90 NM Recommended, 1.7 NM Max

### Mechanical

- Durability 500 Cycles Min

### Environmental

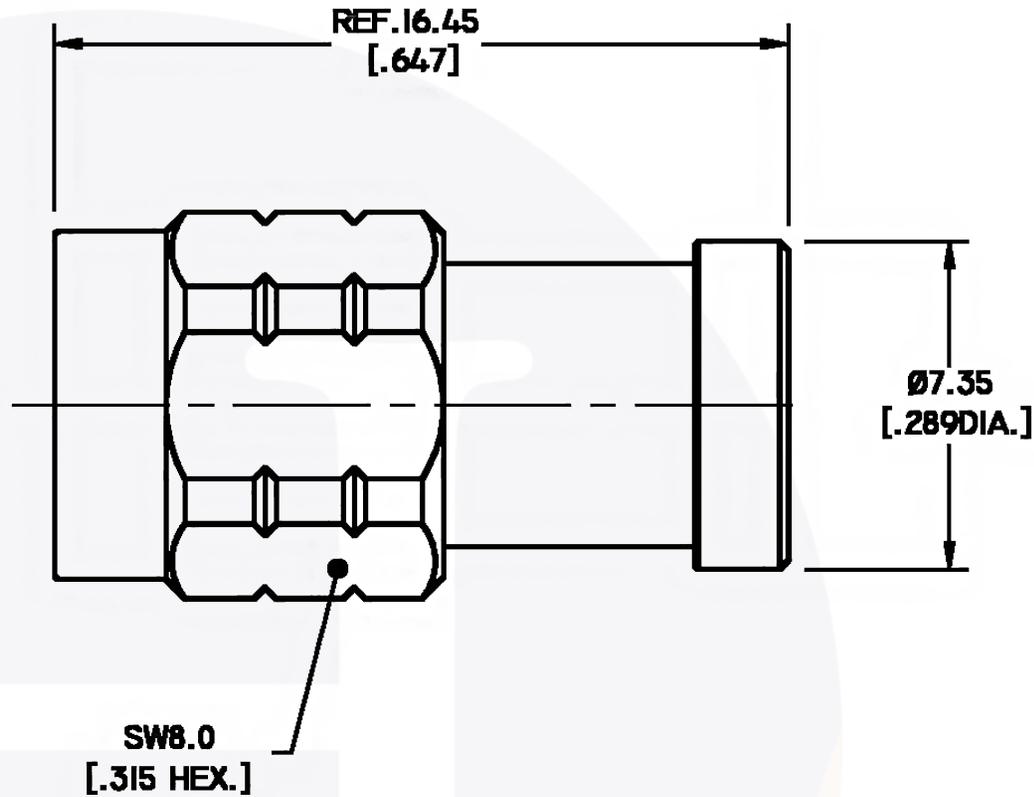
- Temperature Range -55°C to 125°C

### Material

- Connector Body & Nut Passivated Stainless Steel
- Dielectric PEI
- Center Contact Gold Plated BeCu
- Resistance Beryllium Oxide



1 Watt 1.85mm Male Coaxial Termination | DC - 67 GHz | Outline Drawing



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-	RELEASE	3/26	TC		APPROVED BY: TC	
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						CAGE CODE: OT8L4
						SCALE: N/A
						SIZE: A
						PART NO./DRAWING NO. <b>HT65M-1</b>
						FINISHES: SEE DATA SHEET
						REV: -
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