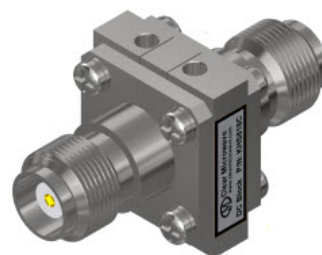




KHS818C 8 MHz – 18 GHz High Power and High Voltage DC Block

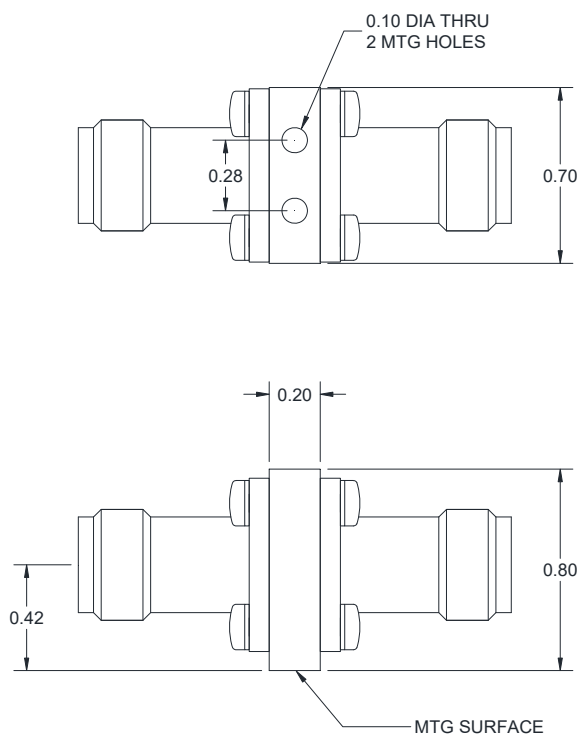
FEATURES

- ❖ Low VSWR
- ❖ Low Insertion Loss
- ❖ Broadband Coverage
- ❖ Mounting Hole Available



SPECIFICATIONS

8 MHz – 18 GHz TNC Connector High Power and High Voltage DC Block	
Model Number	KHS818C
Frequency Range	8 MHz – 18 GHz
Insertion Loss	0.40 dB Typ., 0.70 dB Max.
Input VSWR	1.25:1 Typ., 1.40:1 Max.
Output VSWR	1.25:1 Typ., 1.40:1 Max.
RF Power Handling	100 Watt CW Max.
DC Voltage Handling	500 V
Impedance	50Ω Nom.
Connector Type	TNC Female



Design to meet the following environmental ratings:
(verification optional)

1. Operating Temp: -55°C to +85°C
2. Storage Temp: -65°C to +125°C
3. Shock: MIL-STD-202F, M213, Cond B
4. Altitude: MIL-STD-202F, M105, Cond B
5. Vibration: MIL-STD-202F, M204, Cond B
6. Thermal Shock: MIL-STD-202F, M107, Cond A
7. Temp. Cycle: MIL-STD-202F, M105C, Cond D

Standard Finishing

Housing: Rugged Conductive Aluminum Housing
Connector Housing: Brass with nickel plated
Connector Center PIN: Beryllium copper, Gold plated

Note:

1. Inner type DC Block
2. Standard connector is TNC female
3. RF power handling is tested at 2 GHz under the condition that the unit is mounted with excellent heat sink