



## **KHS540 5 MHz – 40 GHz High Power and High Voltage DC Block**

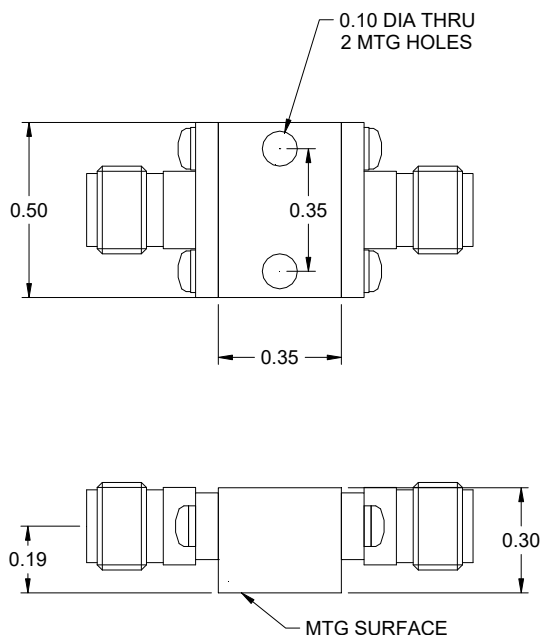
### **FEATURES**

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



### **SPECIFICATIONS**

<b>5 MHz – 40 GHz High Power and High Voltage DC Block</b>	
Model Number	KHS540
Frequency Range	5 MHz – 40 GHz
Insertion Loss	0.70 dB Typ., 0.90 dB Max.
Input VSWR	1.35:1 Typ., 1.45:1 Max.
Output VSWR	1.35:1 Typ., 1.45:1 Max.
RF Power Handling	100 Watt CW Max.
DC Voltage Handling	200 V
Impedance	50Ω Nom.
Connector Type	2.92 mm 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: Rugged Aluminum Housing.  
Optional finishing with blue epoxy paint per MIL-C-22750 available on request, meeting the humidity specification MIL-STD-202F, M103, Cond B

Note:

1. Inner type DC Block
2. Standard connector is 2.92 mm female
3. Part number for different 2.92 mm combination is as follow  
Add "M" suffix for 2.92 mm male to male  
Add "MF" suffix for 2.92 mm male to female
4. RF power handling is tested at 2 GHz under the condition that the unit is mounted with excellent heat sink