



## **KHS818N 8 MHz – 18 GHz High Power and High Voltage DC Block**

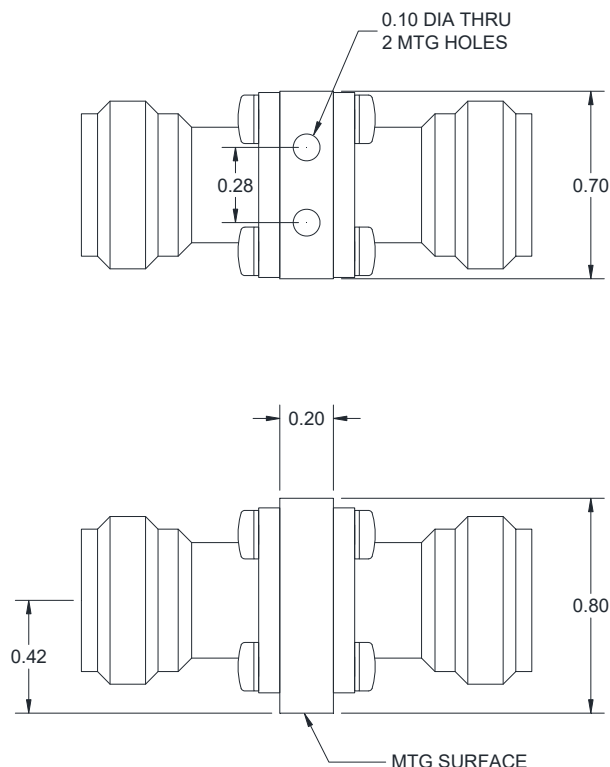
### **FEATURES**

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



### **SPECIFICATIONS**

| <b>8 MHz – 18 GHz N Connector High Power and High Voltage DC Block</b> |                            |
|--|----------------------------|
| Model Number   | KHS818N                    |
| Frequency Range  | 8 MHz – 18 GHz             |
| Insertion Loss   | 0.40 dB Typ., 0.70 dB Max. |
| Input VSWR   | 1.20:1 Typ., 1.35:1 Max.   |
| Output VSWR  | 1.20:1 Typ., 1.35:1 Max.   |
| RF Power Handling  | 100 Watt CW Max.           |
| DC Voltage Handling  | 200 V                      |
| Impedance  | 50Ω Nom.                   |
| Connector Type   | N                          |



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 N female
3. Part number for different N combination is as follow  
Add "M" suffix for N male to male  
Add "MF" suffix for N male to female
4. RF power handling is tested at 2 GHz under the condition that the unit is mounted with excellent heat sink