

# DC BIAS PASSING ATTENUATOR

## TYPE F (75 Ω)

### 500 MHz - 2 GHz



MODELS: 9093-F-XX

### SPECIFICATIONS:

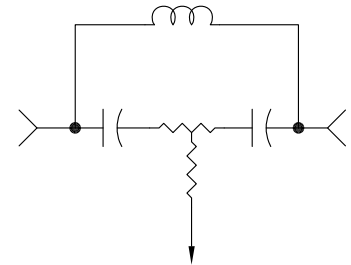
**Electrical:** (@ 25°C Ambient)

Frequency Range \_\_\_\_\_ 500 MHz - 2 GHz  
Standard dB Values\* \_\_\_\_\_ 3, 4, 5, 6, 7, 9, 10, 11 & 20 dB  
Attenuation Accuracy  
3, 4, 5, 6, 7, 9, 10 & 11dB \_\_\_\_\_ ±1.0 dB Typ. (±1.5 dB Max.)  
20 dB \_\_\_\_\_ ±1.0 dB Typ. (±2.0 dB Max.)  
Impedance \_\_\_\_\_ 75 Ohms  
DC Resistance \*\* \_\_\_\_\_ 0.25 Ohms Max.  
(CC IN TO CC OUT)  
VSWR \_\_\_\_\_ 1.45:1 Max.  
Voltage Rating \_\_\_\_\_ 100 Volts Max.  
DC Current \_\_\_\_\_ 2 Amps Max.  
(Max DC Bias Power 100 Watts)  
RF Power (Avg) \_\_\_\_\_ 2 Watts Max  
Operating Temp. Range \_\_\_\_\_ -55°C to +125°C

\*\* CENTER CONDUCTOR TO CASE DC ISOLATED > 5 MEGAOHMS

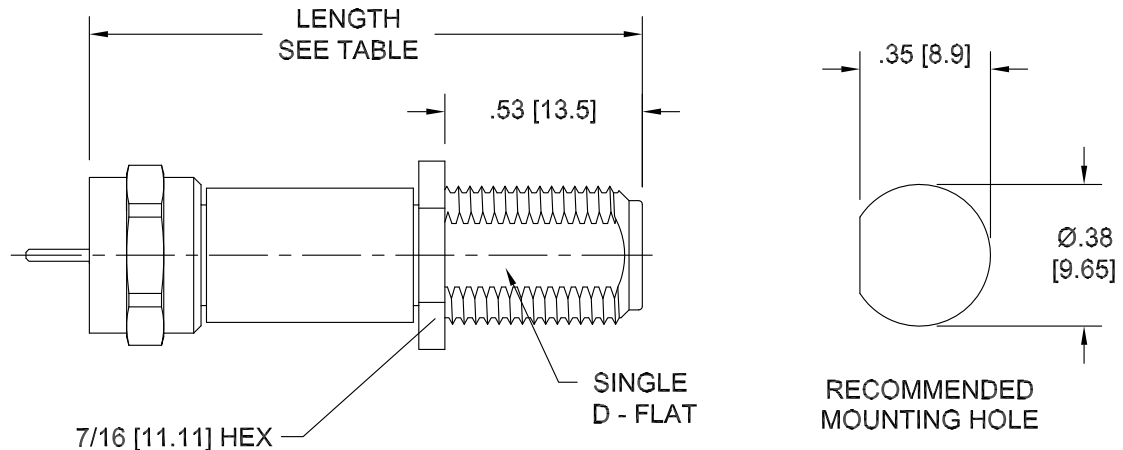
**Mechanical:**

Connectors \_\_\_\_\_ Nickel Plated Brass  
Conductors \_\_\_\_\_ Nickel Plated Brass &  
Gold Plated Beryllium Copper



SCHEMATIC DIAGRAM

Model Number: 9093-F-XX



dB Value	Length	
	Inches	Millimeters
3, 4, 5, 6, 7, 9, 10 & 11	1.47 ±.05	[37.34 ±1.3]
20dB	1.84 ±.05	[46.74 ±1.3]

### HOW TO ORDER:

Model Number: 9093-F-XX  
└── dB Value

### Ordering Examples:

Model Number: 9093-F-10  
10 dB; Type F; Male/Fem

Model Number: 9093-F-20  
20 dB; Type F; Male/Fem

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.  
Design specifications are subject to change without notice.  
Contact factory for technical specifications before purchasing or use.