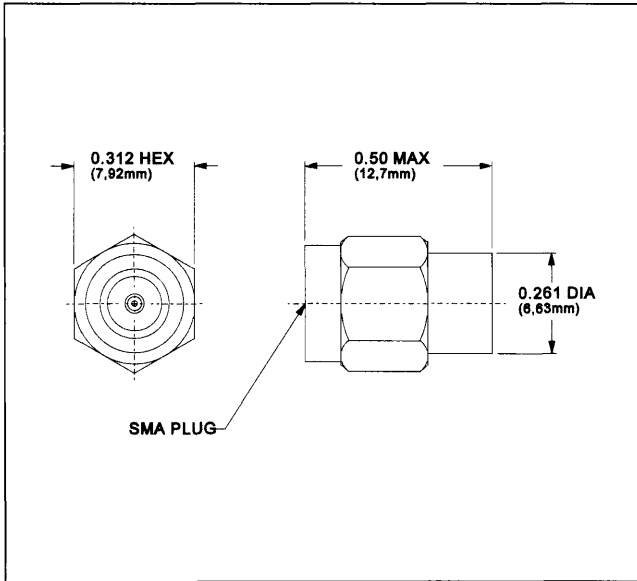
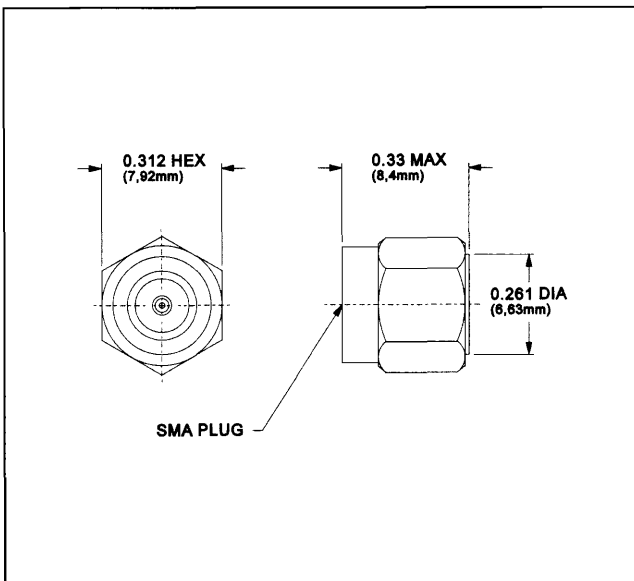


COAXIAL TERMINATIONS



MODELS 4110P, 4111P, AND 4111PCD

Body: Stainless steel, passivated
 Center Contact: Beryllium copper, gold plated
 Dielectric: Tetraflouroethylene
 Operating Temperature: -55°C to + 125°C
 Frequency Range: DC - 18 GHz
 Maximum Power: 2 watts average, 20 watts peak

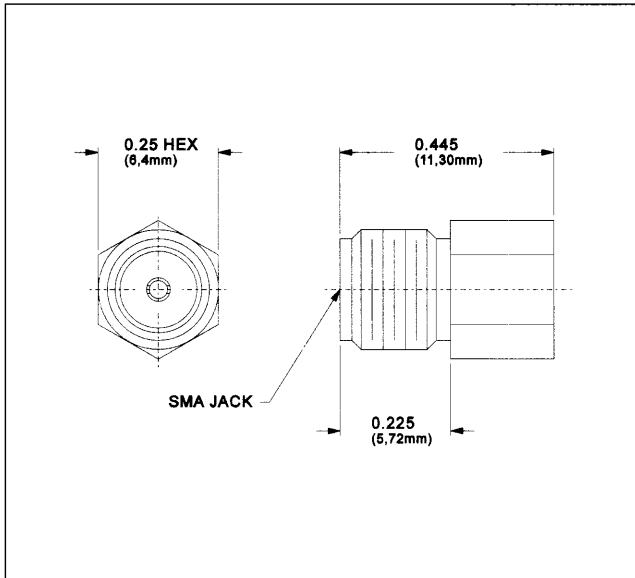


MODELS 4112P, 4113P, AND 4113PCD

Body: Stainless steel, passivated
 Center Contact: Beryllium copper, gold plated
 Dielectric: Tetraflouroethylene
 Operating Temperature: -55°C to +125°C
 Frequency Range: DC - 18 GHz
 Maximum Power: 1 watt average, 10 watts peak

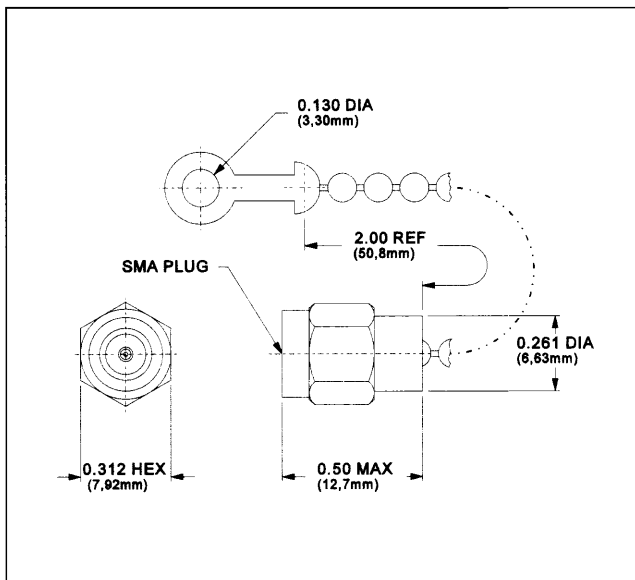
► See page 33 for performance summary.

COAXIAL TERMINATIONS



MODEL 4110J

Body: Stainless steel, passivated
 Center Contact: Beryllium copper, gold plated
 Dielectric: Tetrafluoroethylene
 Operating Temperature: -55°C to +125°C
 Frequency Range: DC - 18 GHz
 Maximum Power: 2 watts average, 20 watts peak

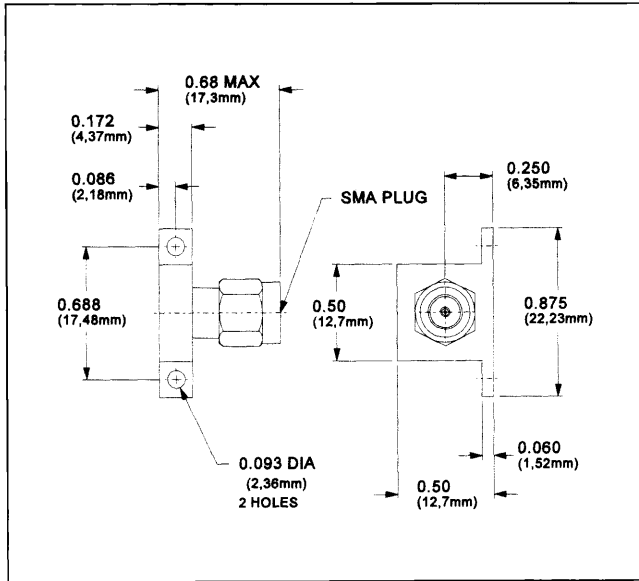


MODEL 4110PC

Body: Stainless steel, passivated
 Center Contact: Beryllium copper, gold plated
 Dielectric: Tetrafluoroethylene
 Operating Temperature: -55°C to +125°C
 Frequency Range: DC - 18 GHz
 Maximum Power: 2 watts average, 20 watts peak

► See page 33 for performance summary.

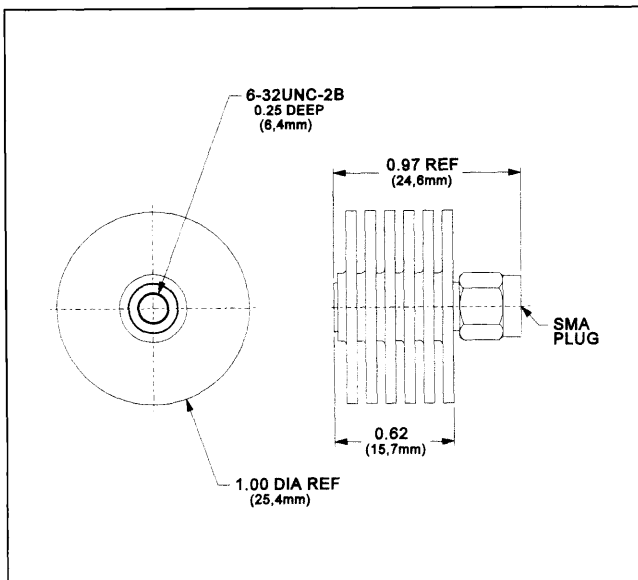
COAXIAL TERMINATIONS



MODEL 4125P

Body:	Tellurium copper, nickel plated
Hex Nut:	Stainless steel, passivated
Center Contact:	Beryllium copper, gold plated
Dielectric:	Tetrafluoroethylene
Operating Temperature:	-55°C to + 125°C
Frequency Range:	DC - 18 GHz
Maximum Power:	25 watts average, 250 watts peak (when mounted on a 100°C heat sink)

● Also available in an SMA jack configuration as Part # 4125J.

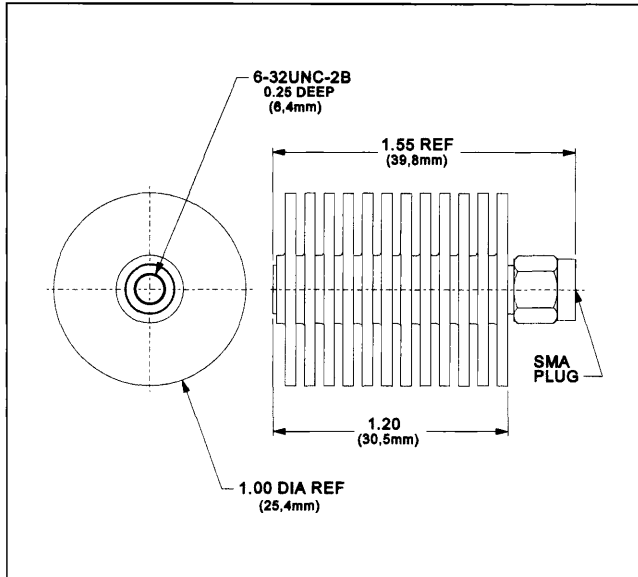


MODEL 4161P

Body:	Aluminum, chromate protective coating
Hex Nut:	Stainless steel, passivated
Center Contact:	Beryllium copper, gold plated
Dielectric:	Tetrafluoroethylene
Operating Temperature:	-55°C to + 125°C
Frequency Range:	DC - 8 GHz
Maximum Power:	5 watts average, 50 watts peak

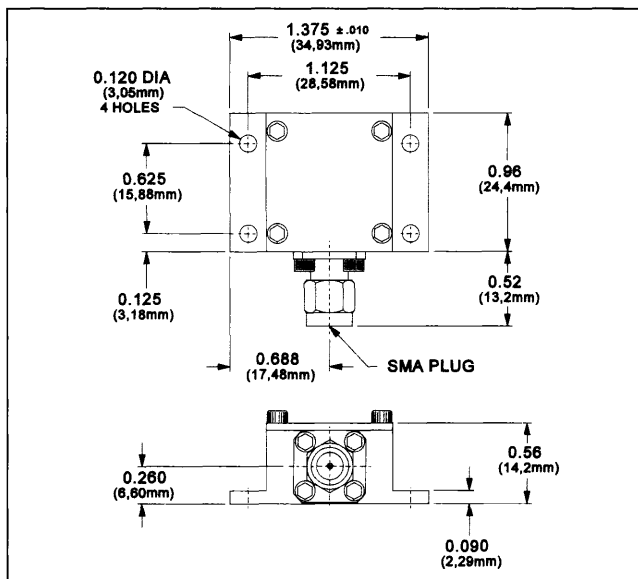
► See page 33 for performance summary.

COAXIAL TERMINATIONS



MODEL 4162P

Body:	Aluminum, chromate protective coating
Hex Nut:	Stainless steel, passivated
Center Contact:	Beryllium copper, gold plated
Dielectric:	Tetrafluoroethylene
Operating Temperature:	-55°C to + 125°C
Frequency Range:	DC - 8 GHz
Maximum Power:	10 watts average, 100 watts peak



MODEL 4181P

Body:	Aluminum, chromate protective coating
Hex Nut:	Stainless steel, passivated
Center Contact:	Beryllium copper, gold plated
Dielectric:	Tetrafluoroethylene
Operating Temperature:	-55°C to + 125°C
Frequency Range:	DC - 4 GHz
Maximum Power:	100 watts average, 1,000 watts peak (when mounted on a 100°C heat sink)

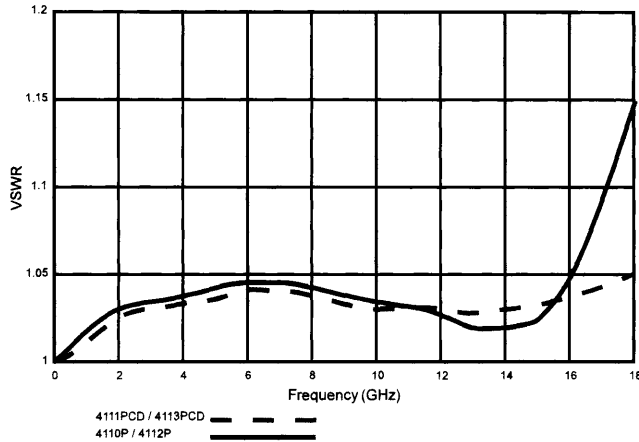
- Also available in an SMA jack configuration as Part # 4181J.

► See page 33 for performance summary.



COAXIAL TERMINATIONS

COMPARATIVE PERFORMANCE OF COAXIAL TERMINATIONS



TERMINATIONS AND RESISTORS

SMA TERMINATIONS PERFORMANCE SUMMARY

Model	Power @ 25°C	Peak Power	Maximum VSWR			
			DC-4 GHz	4-8 GHz	8-12 GHz	12-18 GHz
4110P/4110PC	2 watts	20 watts	1.05	1.10	1.15	1.25
4111P	2 watts	20 watts	1.04	1.07	1.10	1.15
4112P	1 watt	10 watts	1.05	1.10	1.15	1.25
4113P	1 watt	10 watts	1.04	1.07	1.10	1.15
4110J	2 watt	20 watts	1.05	1.12	1.15	1.20
4113PCD	1 watt	10 watts	1.04	1.07	1.08	1.10
4111PCD	2 watts	20 watts	1.04	1.07	1.08	1.10
4161P	5 watts	50 watts	1.30	1.60	-	-
4162P	10 watts	100 watts	1.30	1.60	-	-
4125P/4125J	25 watts*	250 watts	1.10	1.20	1.25	1.40
4181P/4181J	100 watts*	1000 watts	1.25	-	-	-

* When mounted on a 100°C heat sink.

NOTES:

- Peak power is based on 100 microseconds pulse width and 1% duty cycle.
- Terminations with suffix "CD" are delivered with individual VSWR data from 1 to 18 GHz in 100 MHz steps as measured by a network analyzer. See chart for maximum VSWR.
- All models are designed to meet MIL-D-39030 where applicable.
- Derate linearly from rated power to 0 watts at 150°C.