

2.4MM SERIES

2.4mm Interface at a Glance

The 2.4mm connector was developed for use to 50 GHz. This connector series uses a thick outer wall to eliminate the fragility seen in SMA and 2.92mm connectors. The female socket is also strengthened to ensure reliable mating. The 2.4mm series mates with SMA, 3.5mm and 2.92mm connectors with adapters and can mate with the 1.85mm series without adapters.

Electrical Specifications

Impedance	50Ω
Frequency	50 GHz
VSWR	1.03 + .005 f
Insertion Loss	.04 √ f
Shielding Effectiveness	≥ 100 dB

Mechanical Specifications

Mating Cycles	500
Recommended Torque	5 - 7 in - lbs
Inter-mate ability	1.85mm

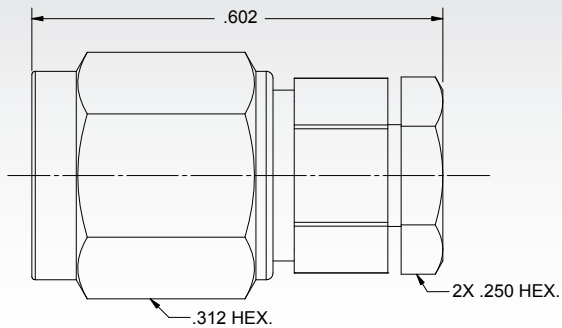
Environmental Specifications

Temperature Rating	-65°C to +165°C
Corrosion (Salt Spray)	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D, 20 Gs
Shock	MIL-STD-202, Method 213, Condition I, 100 Gs
Thermal Shock	MIL-STD-202, Method 107. Cond. B, -65°C to +125°C
Moisture Resistance	MIL-STD-202, Method 106, Less Step 7B
Barometric Pressure (Altitude)	MIL-STD-202, Method 105, Condition C, 70k Ft.

Note: Specifications, dimensions and images are typical for the series and may vary by part number

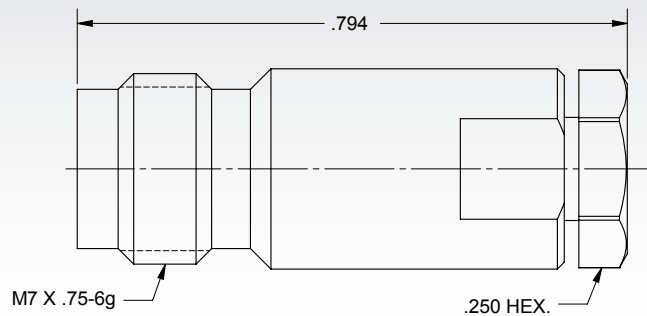
2.4MM SERIES

Male Cable Connector



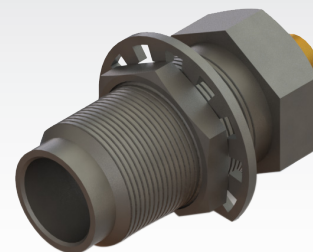
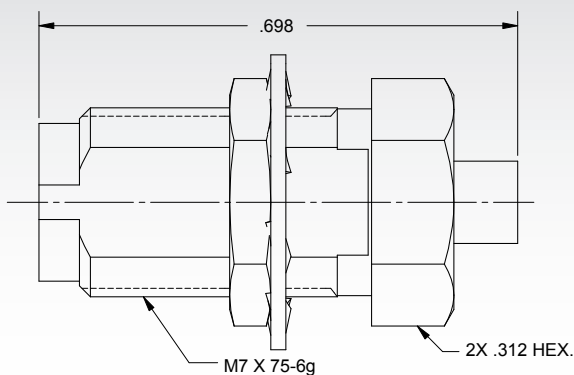
Cable	P/N
.047	SF1611-60001
.085	SF1611-60003

Female Cable Connector



Cable	P/N
.047	SF1621-60014
.085	SF1621-60009

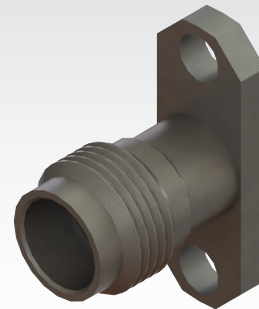
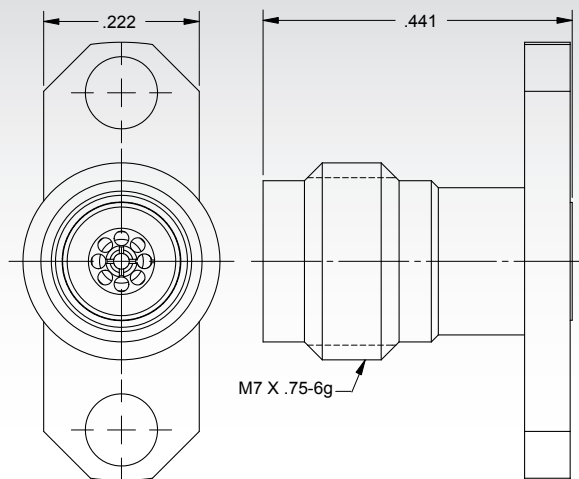
Female Bulkhead Cable Connector



Cable	P/N
.047	SF1621-60005
.085	SF1644-6001

2.4MM SERIES

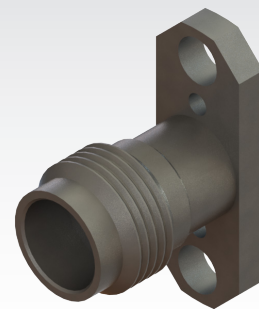
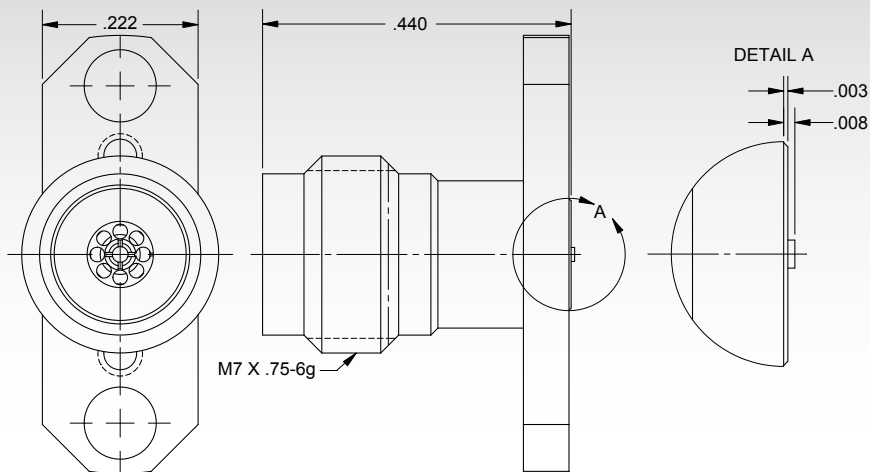
Female Flange Mount Connector, 2 Hole (Accepts Ø.012" Pin)



P/N

SF1621-60017

Female Flange Compression Mount Connector, 2 Hole

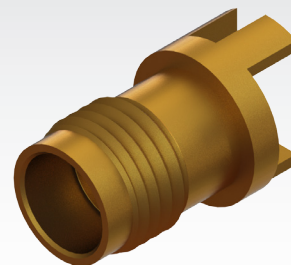
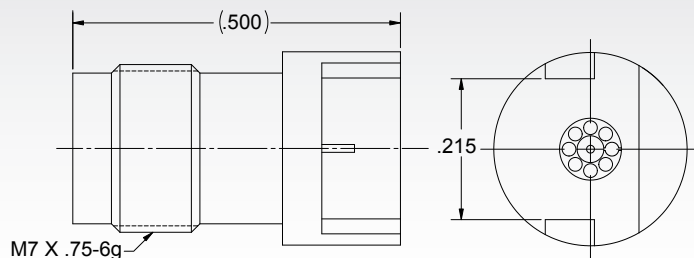


P/N

SF1621-60003

Contact SV directly to access our database of recommended PCB layouts

Female Edge Launch Connector (.062" PCB Thickness)



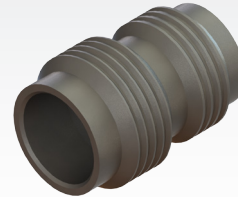
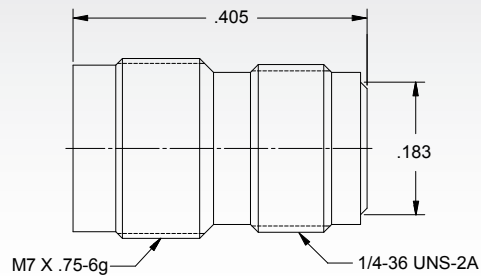
P/N

1621-60008

Contact SV directly to access our database of recommended PCB layouts

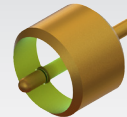
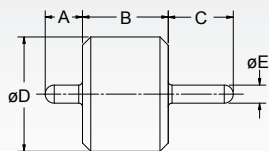
2.4MM SERIES

Male Sparkplug Connector (Accepts Ø.008" Pin)



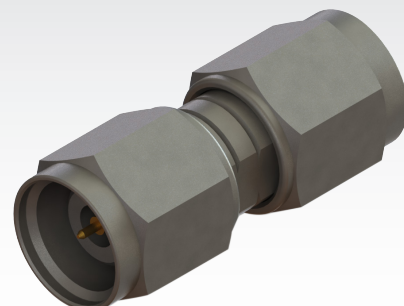
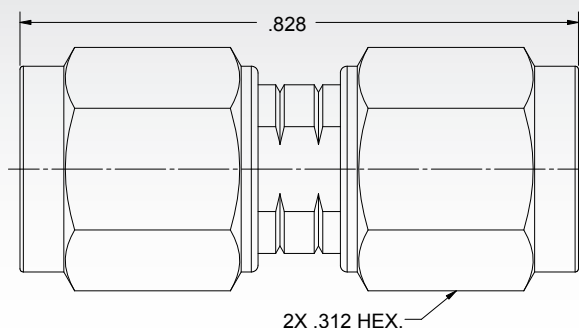
P/N
SF1675-600 4

Feed-Thru Hermetic Seal



P/N	A	B	C	ØD	ØE
066-15-000	.040"	.055"	.029"	.076"	.012"
066-15-001	.040"	.055"	.080"	.076"	.012"
066-15-002	.030"	.055"	.026"	.068"	.009"
066-15-003	.030"	.055"	.080"	.068"	.009"
066-15-004	.030"	.055"	.120"	.068"	.009"
066-15-005	.050"	.060"	.125"	.158"	.020"

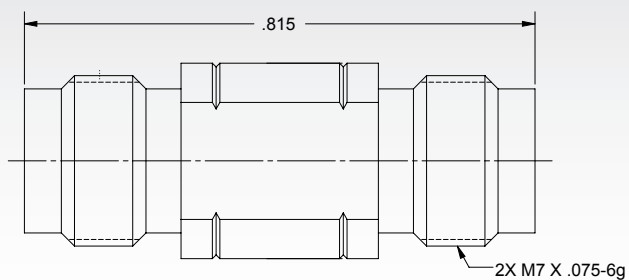
2.4mm Male to Male Adapter



P/N
SF1116-6039

2.4MM SERIES

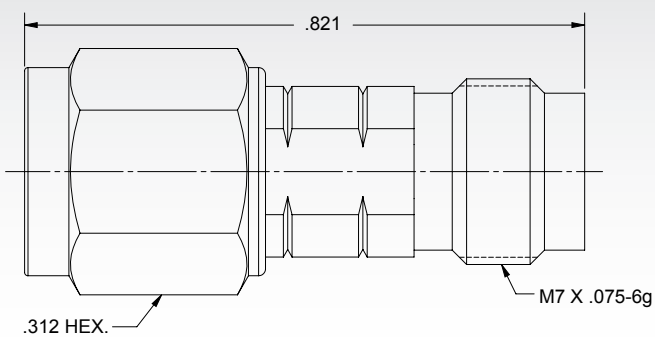
2.4mm Female to Female Adapter



P/N

SF1116-6053

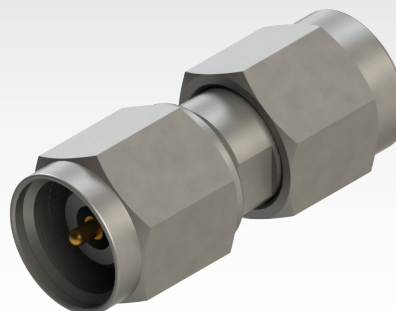
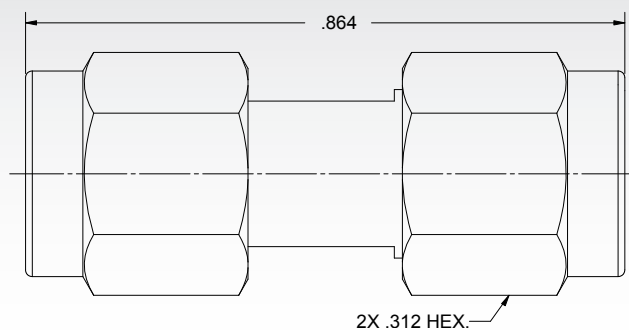
2.4mm Male to Female Adapter



P/N

SF1116-6040

2.4mm Male to 2.92mm Male Adapter

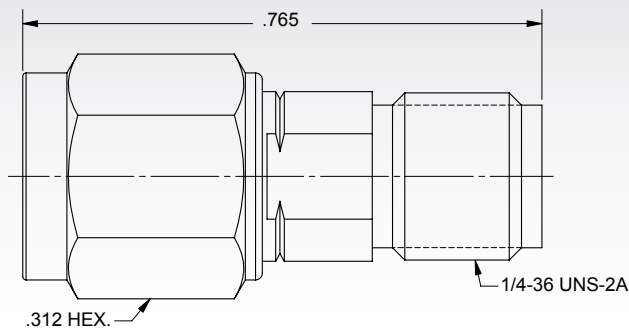


P/N

SF1116-6007

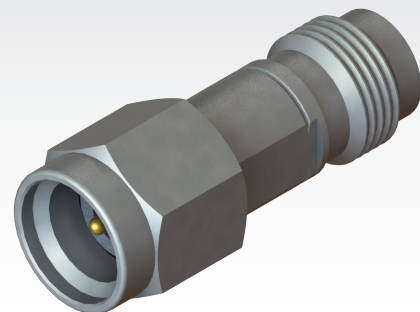
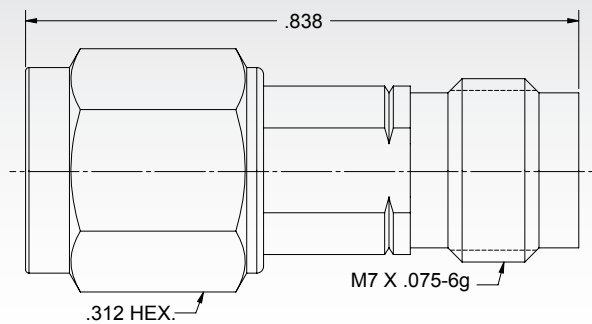
2.4MM SERIES

2.4mm Male to 2.92mm Female Adapter



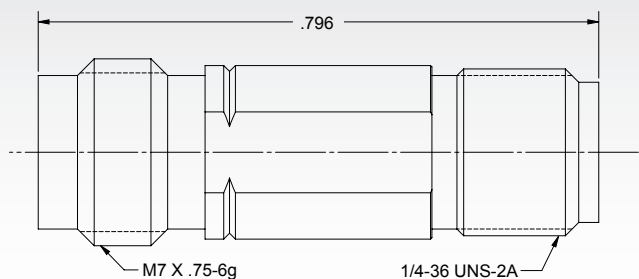
P/N
SF1116-6002

2.4mm Female to 2.92mm Male Adapter



P/N
SF1116-6003

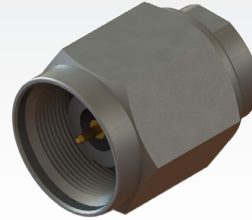
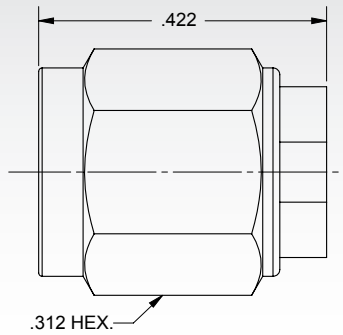
2.4mm Female to 2.92mm Female Adapter



P/N
SF1116-6004

2.4MM SERIES

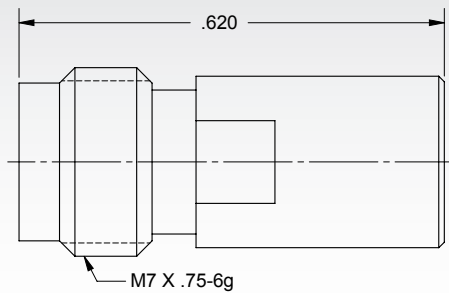
Male Termination



P/N

SF8016-6304

Female Termination



P/N

SF8016-6402



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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