

FME Series

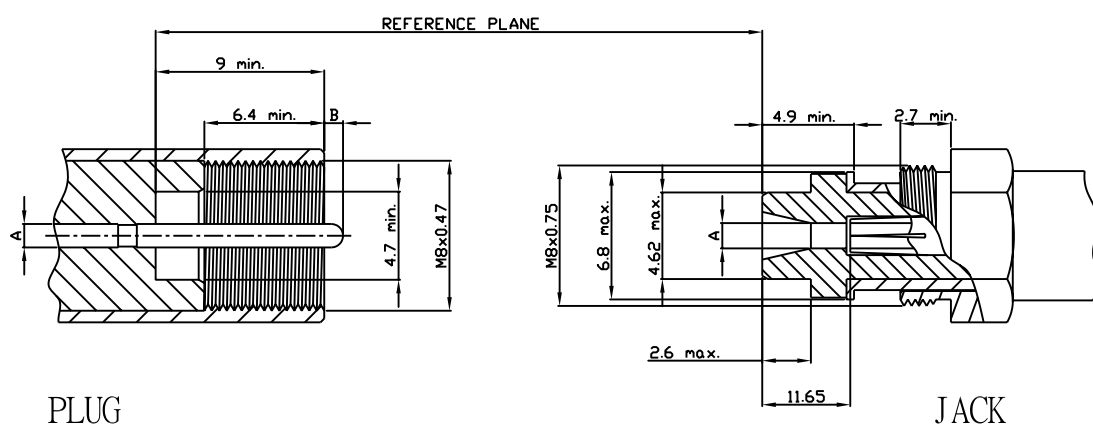
FME

FME series is a miniature screw coupling coaxial connector essentially developed for mobile applications in vehicles. The impedance of the FME connector is controlled at 50 ohms, and its working frequency is up to 2GHz. The FME is suitable for the standard ranges of flexible cables.

Applications:

*mobile communication *antenna products

FME Interface Dimensions:



FME Series					
PLUG			JACK		
	Minimum	Maximum		Minimum	Maximum
A	3.04	nom.		3.04	nom
B	0.00<.000>	1.00<.040>		4.75<.187>	5.26<.207>
				9.04<.356>	9.19<.362>
					C

*Millimeters(Inches)



Materials :

Connector part	Material	Finish
Bodies	Brass	Nickel or Gold
Center Contact	Male: Brass Female: Brass, Phosphor Bronze, or Beryllium Copper	Gold
Insulator	Delrin or Teflon	N/A
Crimp ferrule	Annealed Copper	Nickel or Gold

Electrical :

Electrical Data	Detail
Impedance	50 ohm
Frequency range	0-2GHz
Working voltage	500 volts rms max.
Insulation resistance	5,000 megohms min.
Dielectric withstanding voltage	1,500 volts rms min.
Contact resistance	Center contact: 1.0 Milliohms Outer contact: 0.5 Milliohms
VSWR: f(GHz)	Straight: 1.2 max. Right angle: 1.3 max.
Insertion loss	0.2 dB max. at 1.8GHz

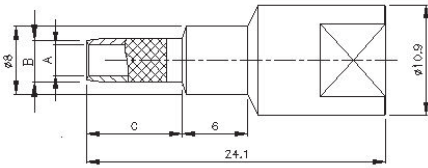
Mechanical :

Mechanical Data	Detail
Engagement force	1.8 inch-pound max.
Disengagement force	3 lbs max. Axial force
Connector durability	500 cycles min.
Cable retention force	RG58, 141, 142, 223/U → 40 lbs min. RG174, 188, 316/U → 20 lbs min.

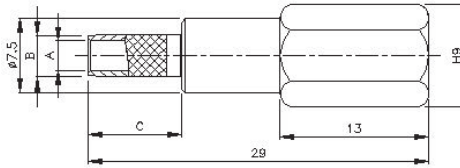
Environmental :

Environmental Data	Detail
Corrosion (Salt spray)	MIL-STD-202 METHOD 101 TEST CONDITION B
Thermal shock	MIL-STD-202 METHOD 107 TEST CONDITION B
Vibration	MIL-STD-202 METHOD 204 TEST CONDITION D
Mechanical shock	MIL-STD-202 METHOD 213 TEST CONDITION I
Temperature range	-65°C to 165°C (Teflon)

FME STRAIGHT PLUG CRIMP FOR CABLE TYPE



PART NUMBER:
 FME-04FV2-TGN H-155, SUPER LOW-LOSS 58/
 FME-04LL-TGN RG-58/U
 FME-04F-TGN RG-174/U, 316/
 FME-04LV1-TGN RG-178/U
 FME-04M-TGN

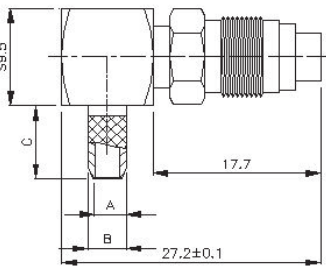


PART NUMBER:
 TNC-05V1-TGN RG-405/U (.085")
 TNC-05V2-TGN RG-402/U (.141")

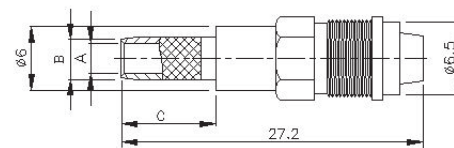
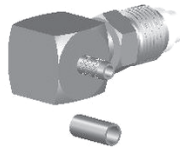


FME JACK CRIMP FOR FLEXIBLE CABLE

CRIMP FOR FLEXIBLE CABLE



PART NUMBER:
 FME-02F-TGN RG-58/U
 FME-02LV1-TGN RG-174/U

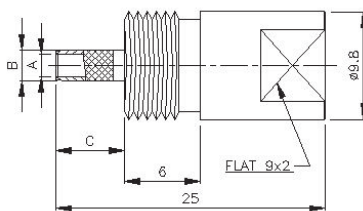


PAR
 FME-05B-TGN RG-213/U
 FME-05FV2-TGN H-155, SUPER LOW-LOSS
 FME-05R-TGN LMR-240
 FME-05F-TGN(DGN) RG-58/U
 FME-05FA-TGN RG-142/U, 400/U
 FME-05P-TGN RG-223/U
 FME-05LV5-TGN RD-316/U
 FME-05L-TGN RG-174/U
 FME-05S1-TGN LMR-200
 FME-05M-TGN RG-178/U
 FME-05U-TGN HRS-1.3 CABLE



FME PLUG CRIMP FOR FLEXIBLE CABLE

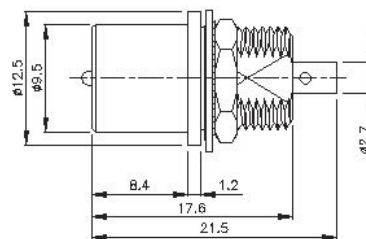
THREAD IN



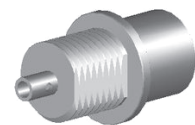
PART NUMBER:
 FME-38F-TGN RG-58/U
 FME-38LV1-TGN RG-174/U



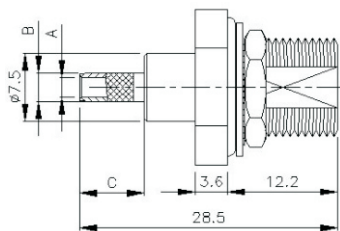
BULKHEAD REAR MOUNT



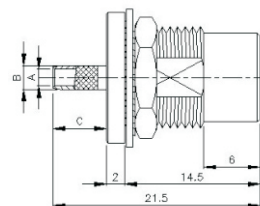
PART NUMBER:
 FME-42F-TGN RG-58/U
 FME-42LV1-TGN RG-174/U
 FME-42U-TGN 1.30 MM CABLE



FME JACK CRIMP BULKHEAD FOR FLEXIBLE CABLE



PART NUMBER:
 FME-31F-TGN RG-58/U
 FME-31LV1-TGN RG-174/U
 FME-31U-TGN 1.30 MM CABLE

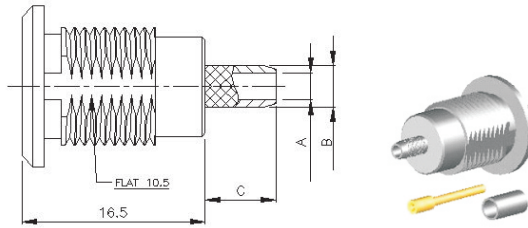


PART NUMBER:
 FME-32FV2-TGN H-155, SUPER LOW-LOSS
 FME-32FV2-TGN (WITH RUBBER)
 FME-32F-TGN RG-58/U
 FME-32F-TGN-1 (WITH RUBBER)
 FME-32LV1-TGN RG-174/U
 FME-32LV1-TGN-1 (WITH RUBBER)
 FME-32U-TGN 1.30 MM CABLE
 FME-32U-TGN-1 (WITH RUBBER)

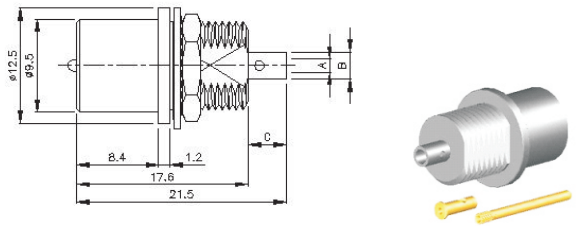




FME STRAIGHT JACK FOR CABLE TYPE

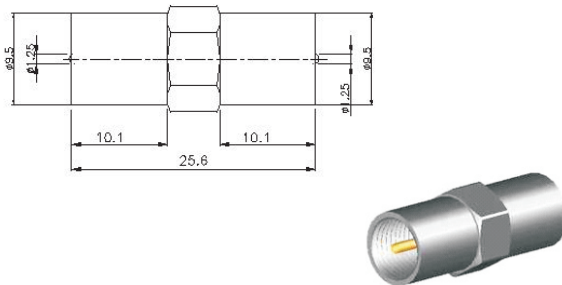


PART NUMBER:
 FME-48FV2-TGN H-155, SUPER LOW-LOSS
 FME-48LL-TGN LOW-LOSS 58/U
 FME-48F-TGN RG-58/U
 FME-48LV1-TGN RG-174/U, 316/U
 FME-48M-TGN RG-178/U
 FME-48U-TGN 1.30 MM CABLE

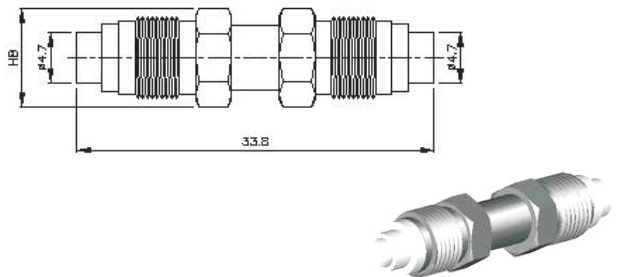


PART NUMBER:
 FME-42FV2-TGN H-155, SUPER LOW-LOSS
 FME-42LL-TGN LOW-LOSS 58/U
 FME-42F-TGN RG-58/U
 FME-42LV1-TGN RG-174/U, 316/U
 FME-42M-TGN RG-178/U
 FME-42U-TGN 1.30 MM CABLE

FME STRAIGHT JACK BULKHEAD (REAR MOUNT) FOR CABLE TYPE

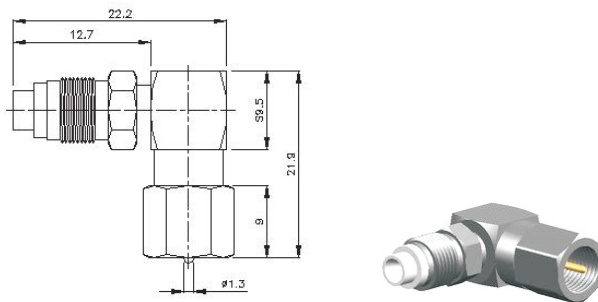


PART NUMBER:
 FME-07-DGN



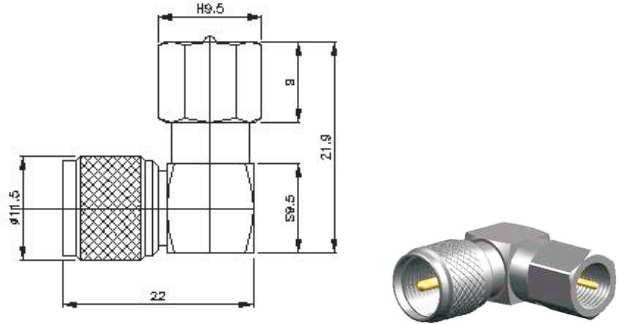
PART NUMBER:
 FME-30-DGN

FME ANGLE FME JACK - PLUG ADAPTOR



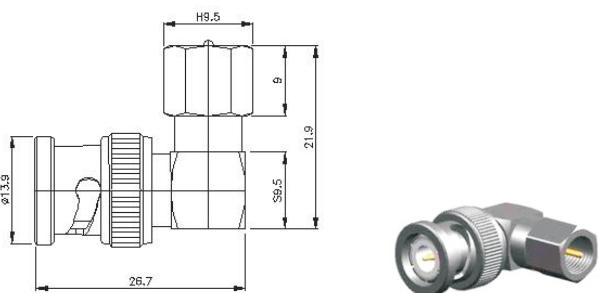
PART NUMBER:
 FME-43-DGN

FME ANGLE FME JACK - PLUG ADAPTOR



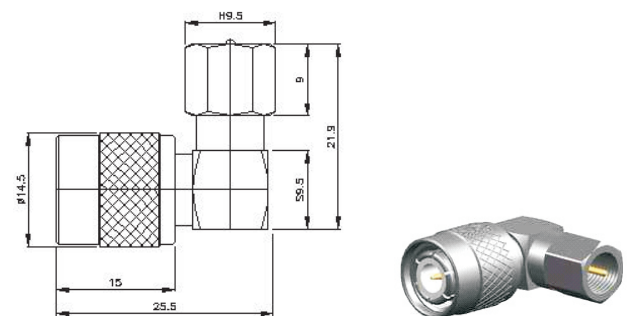
PART NUMBER:
 FME-29-DGN

BNC PLUG - FME PLUG ADAPTOR



PART NUMBER:
 FME-25-DGN

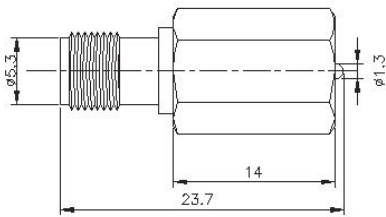
TNC PLUG - FME PLUG ADAPTOR



PART NUMBER:
 FME-28-DGN

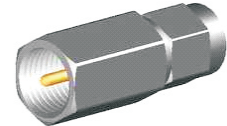
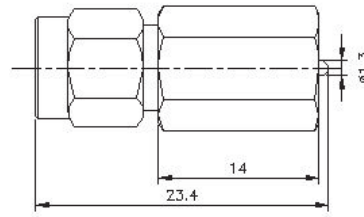
FME

SMA JACK- FME PLUG ADAPTOR



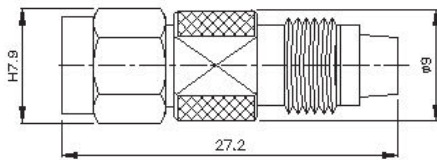
PART NUMBER:
FME-08-DGN

SMA PLUG- FME PLUG ADAPTOR



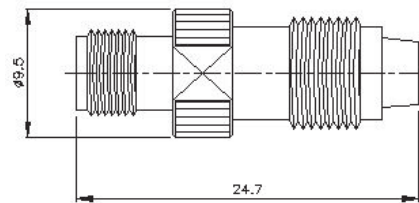
PART NUMBER:
FME-17-DGN

SMA PLUG - FME JACK ADAPTOR



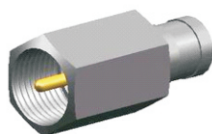
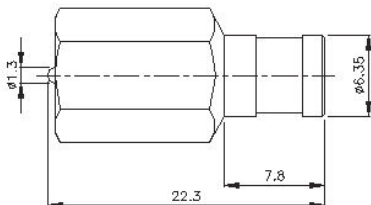
PART NUMBER:
FME-19-DGN

SMA JACK- FME JACK ADAPTOR



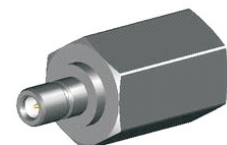
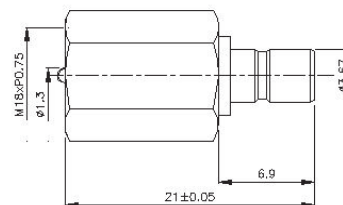
PART NUMBER:
FME-24-DGN

SMB JACK- FME PLUG ADAPTOR



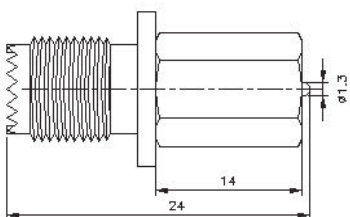
PART NUMBER:
FME-34-DGN

SMB PLUG- FME PLUG ADAPTOR



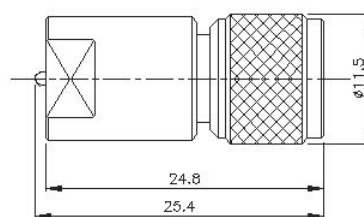
PART NUMBER:
FME-27-DGN

MINI UHF JACK- FME PLUG ADAPTOR



PART NUMBER:
FME-09-DGN

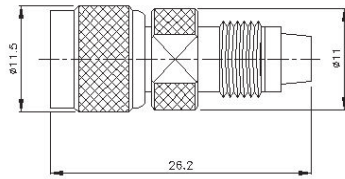
MINI UHF PLUG- FME PLUG ADAPTOR



PART NUMBER:
FME-12-DGN

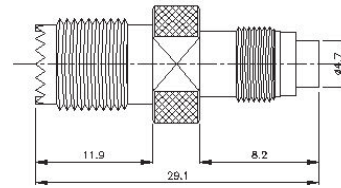


MINI UHF JACK- FME PLUG ADAPTOR



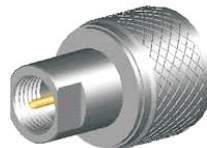
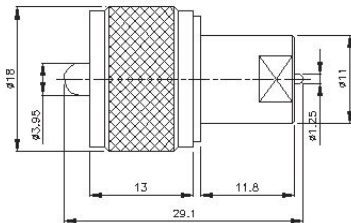
PART NUMBER:
FME-20-DGN

MINI UHF PLUG- FME PLUG ADAPTOR



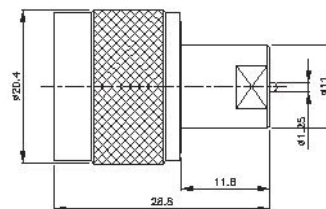
PART NUMBER:
FME-22-DGN

UHF PLUG - FME PLUG ADAPTOR



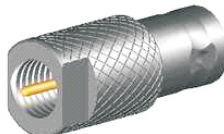
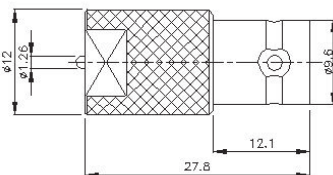
PART NUMBER:
FME-16-DGN

N PLUG- FME PLUG ADAPTOR



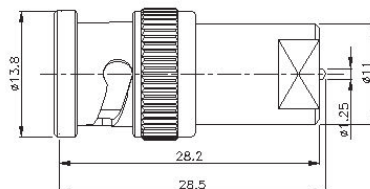
PART NUMBER:
FME-14-DGN

BNC JACK- FME PLUG ADAPTOR



PART NUMBER:
FME-10-DGN

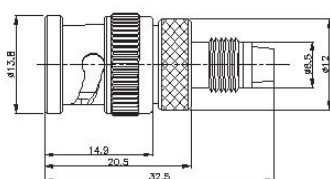
BNC PLUG - FME PLUG ADAPTOR



PART NUMBER:
FME-15-DGN

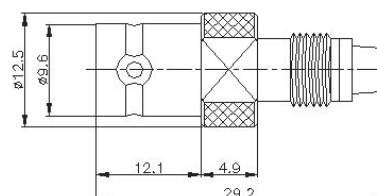
BNC PLUG - FME JACK ADAPTOR

BULKHEAD



PART NUMBER:
FME-18-DGN

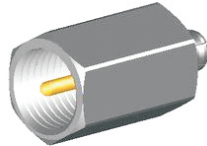
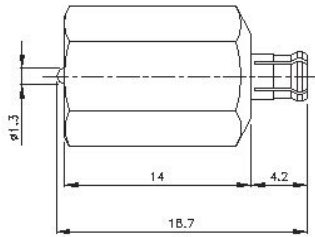
BNC PLUG - FME JACK ADAPTOR



PART NUMBER:
FME-23-TGN

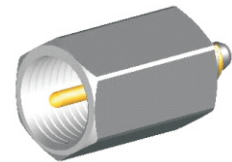
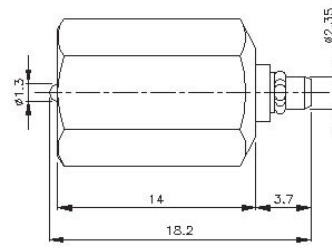
FME

MCX PLUG - FME PLUG ADAPTOR



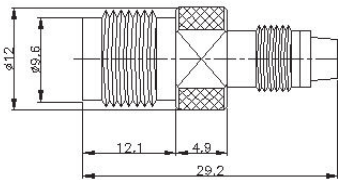
PART NUMBER:
FME-35-DGN

MMCX PLUG - FME PLUG ADAPTOR



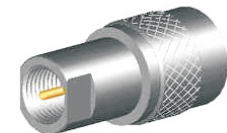
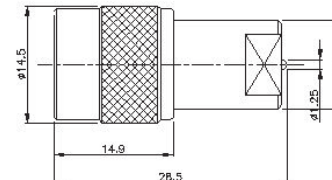
PART NUMBER:
FME-36-DGN

TNC JACK - FME JACK ADAPTOR



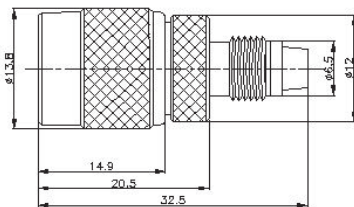
PART NUMBER:
FME-26-DGN

TNC PLUG - FME JACK ADAPTOR



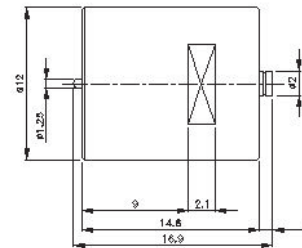
PART NUMBER:
FME-13-DGN

FME JACK - TNC PLUG ADAPTOR



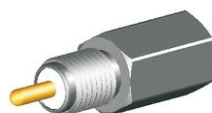
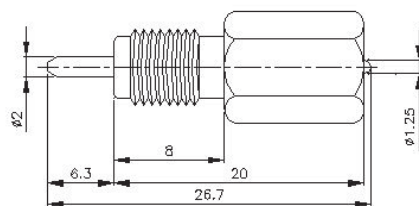
PART NUMBER:
FME-21-DGN

SMT JACK - FME PLUG ADAPTOR



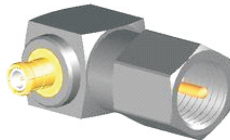
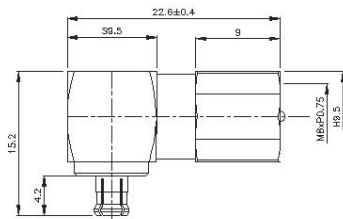
PART NUMBER:
FME-39-DGN

FME PLUG RECEPTACLE



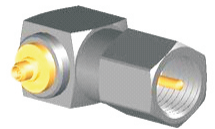
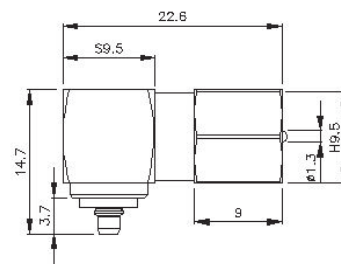
PART NUMBER:
FME-40-DGN

MCX PLUG - FME PLUG ADAPTOR



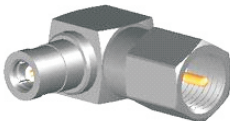
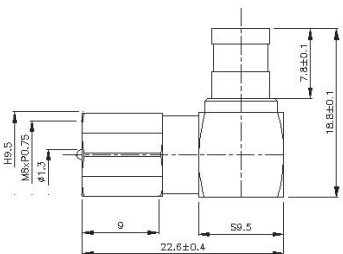
PART NUMBER:
FME-49-DGN

MMCX PLUG - FME PLUG ADAPTOR



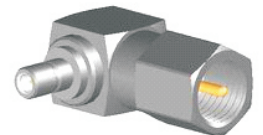
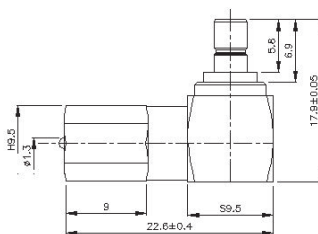
PART NUMBER:
FME-50-DGN

FME PLUG - SMB JACK ADAPTOR



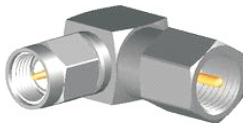
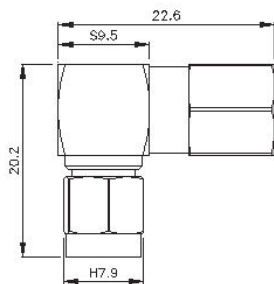
PART NUMBER:
FME-52-DGN

FME PLUG - SMB PLUG ADAPTOR



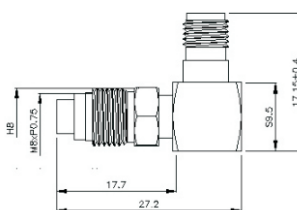
PART NUMBER:
FME-53-DGN

FME PLUG - SMA PLUG ADAPTOR



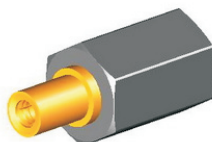
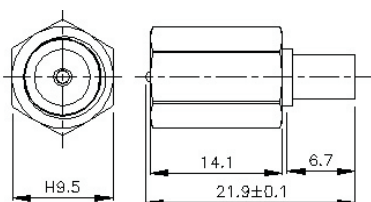
PART NUMBER:
FME-51-DGN

BNC PLUG - FME PLUG ADAPTOR



PART NUMBER:
FME-54-DGN

SSMB JACK - FME PLUG ADAPTOR



PART NUMBER:
FME-56-DGN

FME