

## ► DESCRIPTIONS

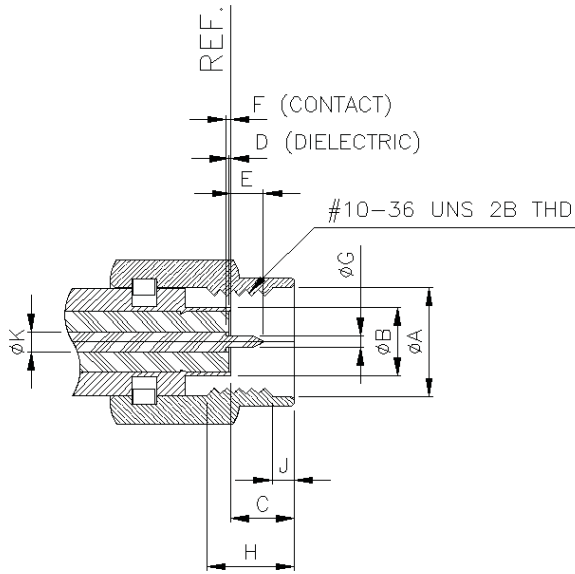
When microminiature coaxial connectors excellent electrical performance needed, SSMA series connectors are ideal.

SSMA connectors meet or exceed all requirements of MIL-PRF-39012, and interface requirements of MIL-STD-348.

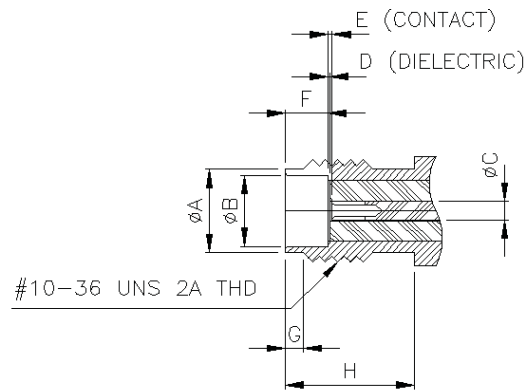


## ► INTERFACE DIMENSIONS

### PLUG



### JACK

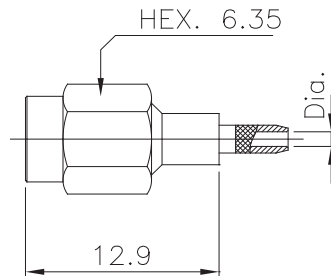


Rep.	PLUG				JACK			
	mm		inch		mm		inch	
	min.	max.	min.	max.	min.	max.	min.	max.
A	4.98	5.13	0.196	0.202	3.76	3.94	0.148	0.155
B	3.23	3.20	0.124	0.126	3.23	3.30	0.1272	0.130
C	2.67	3.17	0.105	0.125	0.85	0.88	0.0335	0.0348
D		0.13		0.005		0.13		0.005
E	1.40	1.65	0.055	0.065		0.13		0.005
F		0.13		0.005	1.91	1.96	0.075	0.077
G	0.50	0.53	0.0195	0.0208	0.51	1.02	0.020	0.040
H	3.81	4.32	0.150	0.170	5.54		0.218	
J	0.89	1.02	0.035	0.040				
K	0.851	0.884	0.0335	0.0348				

## ▶ TECHNICAL DATA

REQUIREMENT		SPECIFICATIONS
<b>ELECTRICAL CHARACTERISTICS</b>		
IMPEDANCE		50ohm
FREQUENCY RANGE		DC~40GHz
CONTACT RESISTANCE		5mohm MAX.
INSULATION RESISTANCE		1000Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE		750V rms
DURABILITY(LIFE TIME)		500MATINGS
<b>MATERIALS</b>		
BODY		BRASS OR STAINLESS STEEL
CENTER CONTACT		
	MALE	BRASS
	FEMALE	BERYLLIUM COPPER
INSULATOR		PTFE
GASKET		SILICONE
<b>PLATING</b>		
BODY		GOLD OR PASSIVATE
CENTER CONTACT		GOLD

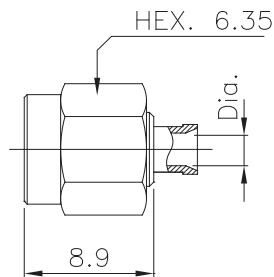
# SSMA



## Straight Plugs

### ■ Crimp Type

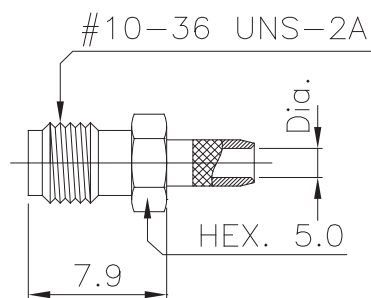
PART NO.	Dia.	CABLE
S920-001	Ø1.0	RG 178
S920-002	Ø1.55 (Ø1.7)	RG 316



## Straight Plugs

### ■ Direct solder type

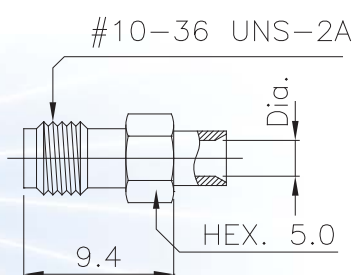
PART NO.	Dia.	CABLE
S920-003	Ø1.0	UT 034
S920-004	Ø1.4	UT 047
S920-005	Ø2.3	UT 085, RG-405



## Straight Jacks

### ■ Crimp Type

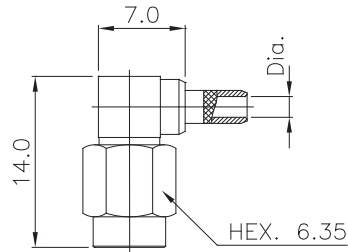
PART NO.	Dia.	CABLE
S920-006	Ø1.0	RG 178
S920-007	Ø1.55 (Ø1.7)	RG 316(RG174)



## Straight Jacks

### ■ Direct solder type

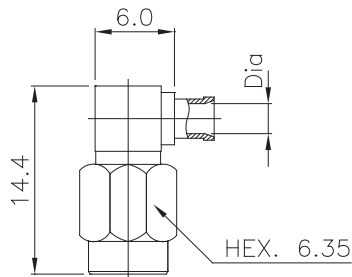
PART NO.	Dia.	CABLE
S920-008	Ø1.0	UT 034
S920-009	Ø1.4	UT 047
S920-010	Ø2.3	UT 085



## Right Angle Plugs

### ■ Crimp Type

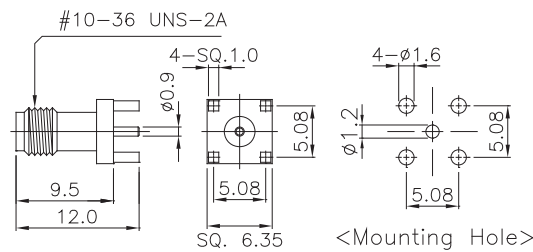
PART NO.	Dia.	CABLE
S920-011	Ø1.0	RG 178
S920-012	Ø1.55 (Ø1.7)	RG 316(RG174)



## Right Angle Plugs

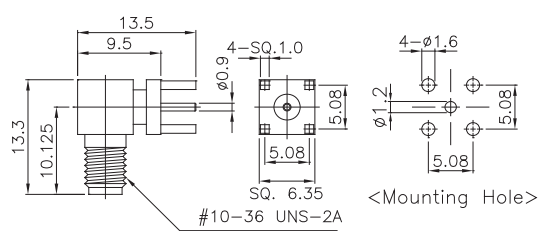
### ■ Direct solder type

PART NO.	Dia.	CABLE
S920-013	Ø1.0	UT 034
S920-014	Ø1.4	UT 047
S920-015	Ø2.3	UT 085



## Straight Jack for PCB

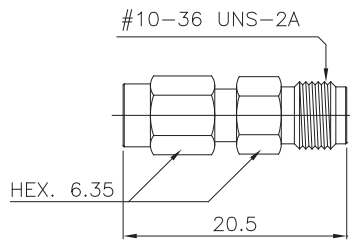
PART NO.	IMPED
S920-016	50 Ω



## Right Angle Jack for PCB

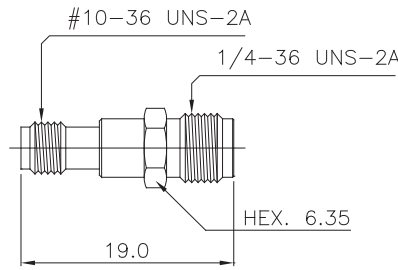
PART NO.	IMPED
S920-017	50 Ω

# SSMA



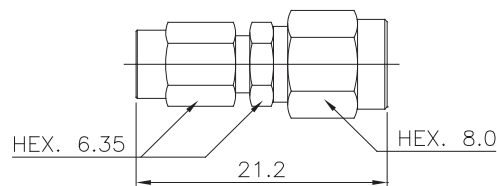
## SSMA Plug to SMA Jack Adaptor

PART NO.	IMPED
S920-018	50 Ω



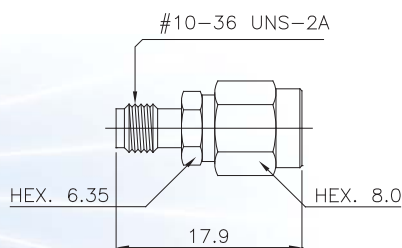
## SSMA Jack to SMA Jack Adaptor

PART NO.	IMPED
S920-019	50 Ω



## SSMA Plug to SMA Plug Adaptor

PART NO.	IMPED
S920-020	50 Ω



## SSMA Jack to SMA Plug Adaptor

PART NO.	IMPED
S920-021	50 Ω