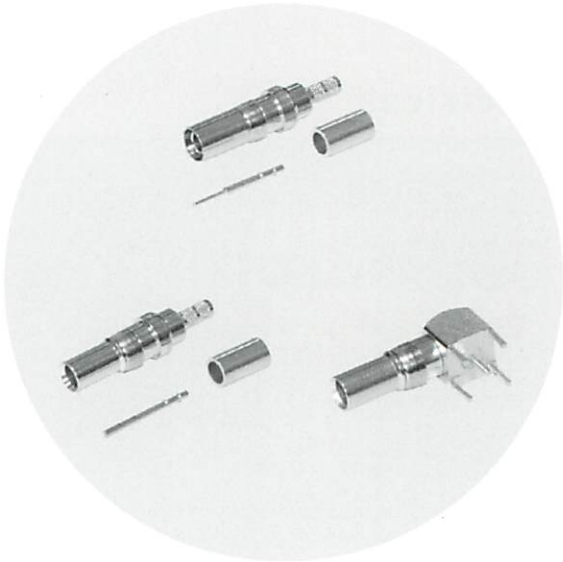
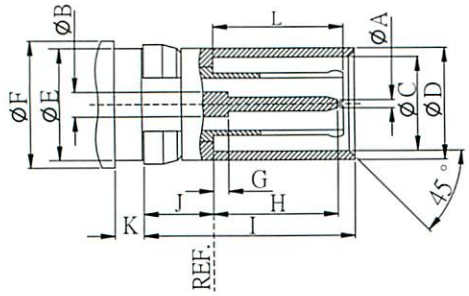
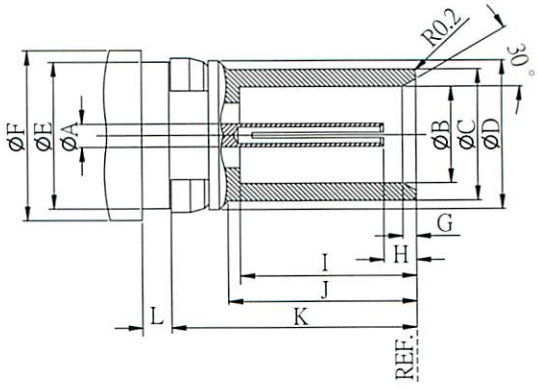
1.0/2.3 series of coaxial connectors are miniature 50 ohm with threaded coupling mechanism that can provide positive mating. The compact design of the 1.0/2.3 permits dense connector packing, making these connectors ideally suited to applications where space limitation is a factor. The application can be up to 4GHz



Interface dimensions:





MALE(PLUG) mm		
	Min.	Max.
A	0.48	0.52
B	1.00 nom.	
C	4.20	4.28
D	4.66	4.78
E	4.76	4.79
F	-	6.00
G	-	1.15
H	5.20	5.50
I	9.25	9.35
J	3.05	3.20
K	2.22	2.40
L	5.40	5.70

FEMALE(JACK) mm		
	Min.	Max.
A	1.00 nom.	
B	3.00	3.06
C	4.03	4.15
D	4.72	4.75
E	4.76	4.79
F	-	6.00
G	0.50	0.60
H	1.15	1.45
I	5.80	5.90
J	6.40	6.50
K	9.50	9.60
L	2.22	2.40

Electrical:

Impedance		50 ohm
Frequency Range		0~4 GHz
Working Voltage		250 VRMS max
Dielectric Wuthstanding Voltage		750 VRMS max
VAWR	Straight	1.3 max
	Right Angle	1.5 max
Contact Resistance	Center Contact	6 Milliohms Max.
	Outer Contact	3 Milliohms Max.
Insulator Resistance		1,000 Megohms min.

Meaterial:

Parts name	Material	Finish
Body/Metal Parts:	Brass per QQ-B-626	Nickel or gold per requirement
Plug	Male: Brass per QQ-B-626 Phosphor Bronze per QQ-B-750	Gold
Center Contacts	Female: Brass per QQ-B-626 Beryllium copper per QQ-C-530	
Insulators	PTFE	None
Crimp Ferrule	Annealed copper	Nickel or Gold per requirement

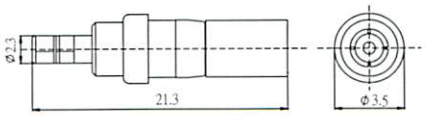
NOTE: Other Material/Finish is Available on Request.

Mechanical & Environmental:

Engagement Force	2.3 lbs. max.
Disengagement Force	2.3 lbs. max.
Contact Retention	4 lbs. max.
Durability(Mating)	500 cycles min.(for Beryllium copper female contact only)

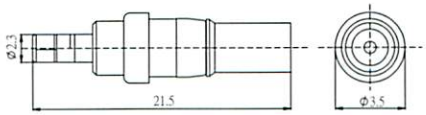
Q-5601
1.0/2.3 Male Crimp

P/N	CABLE GROUP	IMPEDANCE
5601	RG-316/U	50



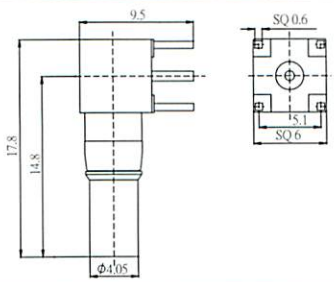
Q-5602
1.0/2.3 Male Crimp

P/N	CABLE GROUP	IMPEDANCE
5602	RG-316/U	50



Q-5603
1.0/2.3 Female Right Angle PCB Moutt

P/N	CABLE GROUP	IMPEDANCE
5603	N/A	50



P/N	CABLE GROUP	IMPEDANCE

P/N	CABLE GROUP	IMPEDANCE

P/N	CABLE GROUP	IMPEDANCE