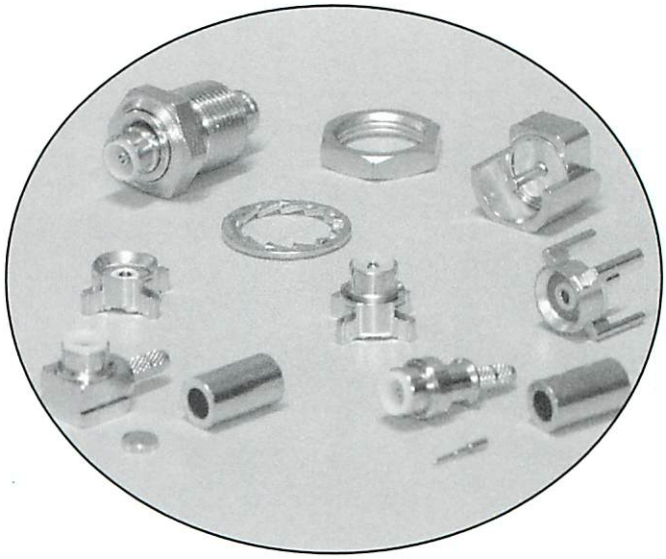
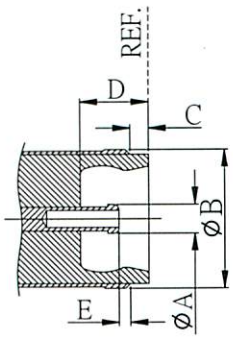
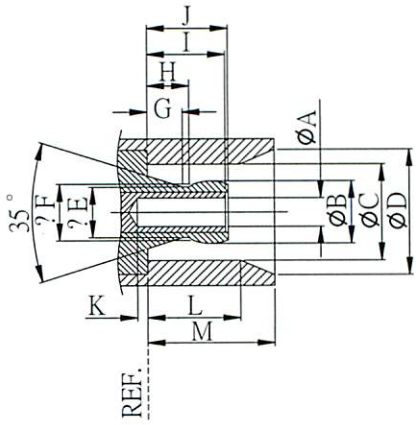
The MMBX connector series is particularly suitable for board to board connection in second and third generation teleco mmunication systems (GSM 900/1800/1900, PCS WCDMA, UMTS)....
These connectors require minimum space for those tight spots connecting board to board.



Interface dimensions:





MALE(PLUG) mm		
	Min.	Max.
A	0.95	nom.
B	3.70	nom.
C	0.50	nom.
D	1.85	nom.
E	0.10	nom.

FEMALE(JACK) mm		
	Min.	Max.
A	0.98	1.01
B	2.25	2.30
C	3.68	3.71
D	5.00 nom.	
E	1.85 nom.	
F	2.10 nom.	
G	0.75 nom.	
H	0.90	-
I	1.55	1.75
J	-	1.80
K	0.00	-
L	1.45	-
M	2.50 nom.	

Electrical:

Impedance		50 ohm
Frequency Range		0~6 GHz
Working Voltage		500 VRMS max
Dielectric Withstanding Voltage		750 VRMS min
VSWR	Straight	1.3 max
	Right Angle	1.5 max
Contact Resistance	Center Contact	5 Milliohms Max.
	Outer Contact	1 Milliohms Max.
Insulator Resistance		1000 Megohms min.

Material:

Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Gold
Center Contacts	Beryllium copper per QQ-C-530	Gold
Insulators	PTFE	None
Crimp Ferrules	Annealed copper	Gold

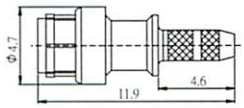
NOTE: Other Material/Finish is Available on Request.

Mechanical & Environmental:

Engagement Force	Max.30 N/Max.6.7 lbs
Disengagement Force	8~30 N/1.8~6.7 lbs
Contact Retention	>- 10N/2.3 lbs
Durability(Mating)	100 cycles min
Temperature Range	-55℃ to 155℃
Vibration	MIL-STD-202 Method 204D, Condition A
Thermal Shock	MIL-STD-202 Method 107G, Condition B

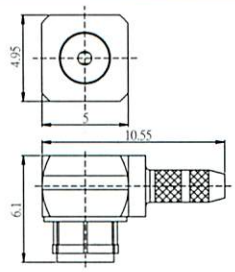
BX-6601
MMBX Male Crimp

P/N	CABLE GROUP	IMPEDANCE
6601	RG-178/U	50
	RG-316/U	50



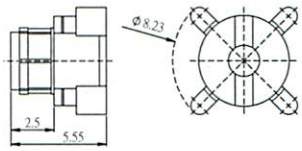
BX-6602
MMBX Male Right Angle Crimp

P/N	CABLE GROUP	IMPEDANCE
6602	RG-178/U	50
	RG-316/U	50



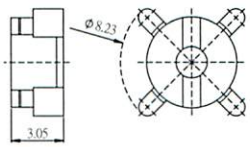
BX-6603
MMBX Male PCB Mount

P/N	CABLE GROUP	IMPEDANCE
6603	N/A	50



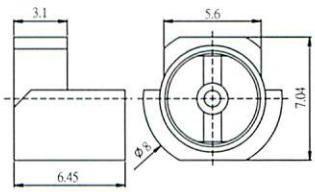
BX-6604
MMBX Female PCB Mount

P/N	CABLE GROUP	IMPEDANCE
6604	N/A	50



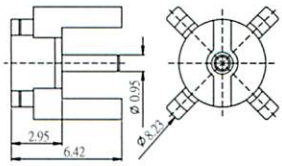
BX-6605
MMBX Female PCB Mount

P/N	CABLE GROUP	IMPEDANCE
6605	N/A	50



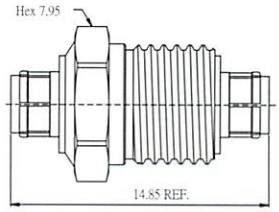
BX-6606
MMBX Female PCB Mount

P/N	CABLE GROUP	IMPEDANCE
6606	N/A	50



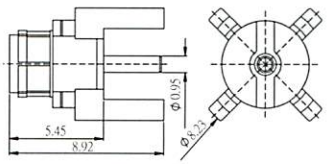
BX-6607
MMBX Male to Male

P/N	CABLE GROUP	IMPEDANCE
6607	N/A	50



BX-6608
MMBX Female PCB Mount

P/N	CABLE GROUP	IMPEDANCE
6608	N/A	50



P/N	CABLE GROUP	IMPEDANCE

P/N	CABLE GROUP	IMPEDANCE

P/N	CABLE GROUP	IMPEDANCE

P/N	CABLE GROUP	IMPEDANCE