

BMA

SERIES BMA RF COAXIAL CONNECTORS

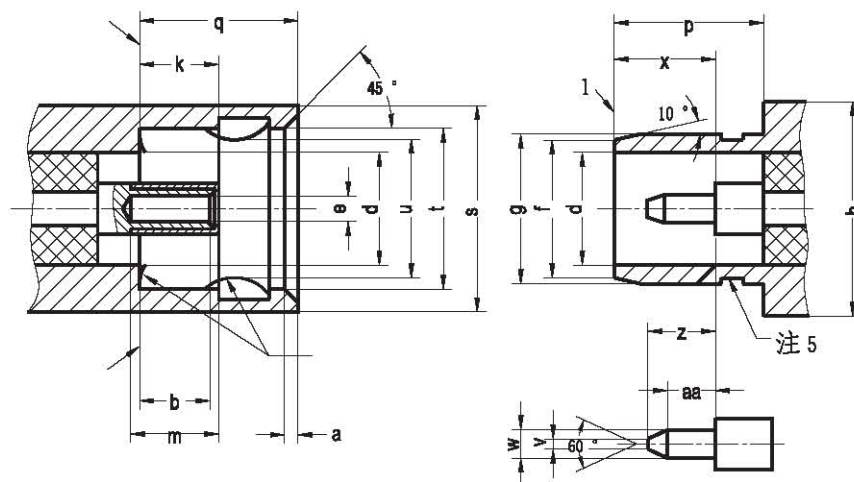


BMA Series RF coaxial connectors are new kind of blind mating RF coaxial connectors with slid-on. They are used to connect all kinds of micro-wave circuits, especially suitable for blindly insert of machine box and machine cup board, which is good for building block system such as radar. BMA Series connectors are similar to SMA in structure but with a push-on design and air boundary interface with working frequency of 18G Hz, having the advantages of small size, reliable connecting, good mechanical and electrical performances, easy mating. The products are getting more and more wide use from home and abroad in recent years.

KEY PERFORMANCE

Temperature range	-65 ~ +125℃	Insulation resistance	≥5000MΩ
Characteristic Impedance	50Ω	DielectricWithstanding voltage	1000V
Frequency range	0 ~ 18GHz	Contact resistance	Center conductor ≤0.003Ω
VSWR	≤1.15+0.012f		Outer conductor ≤0.002Ω

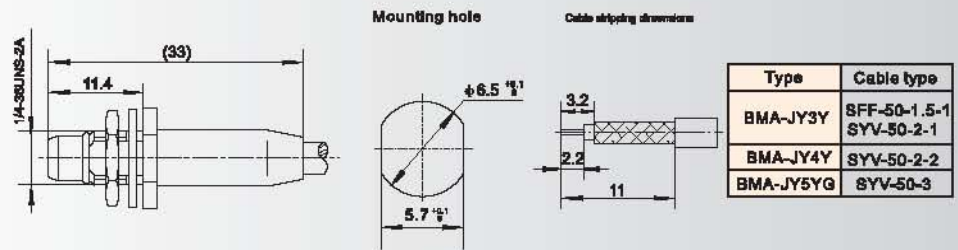
INTERFACE MATING DIMENSIONS



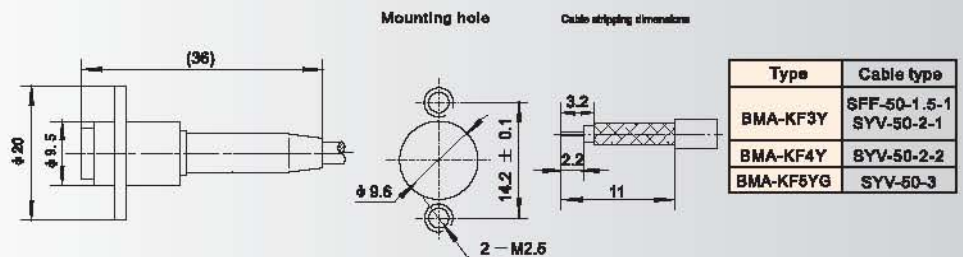
Symbol	MIN (mm)	MAX (mm)	注	Symbol	MIN (mm)	MAX (mm)	注
a	0.38	0.51		q	—	5.029	
b	2.845	—	4,6	s	Φ7.370	—	
d	Φ4.090(标称值)			t	Φ5.720	—	
e	—	—	2	u	—	—	
f	Φ4.880(标称值)			v	—	0.380	4
g	5.309	5.359		w	Φ0.9017	Φ0.9398	
h	Φ7.620(标称值)			x	3.252	3.429	
k	3.048	3.225	3	z	2.159	2.413	
m	2.921	—		aa	1.346	—	
p	5.055	—	—	—	—	—	



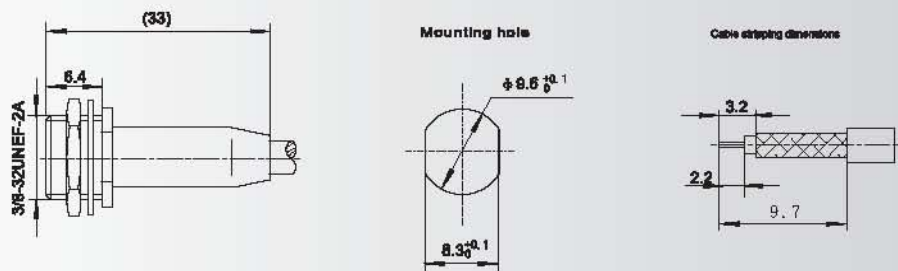
BMA-JY3Y等



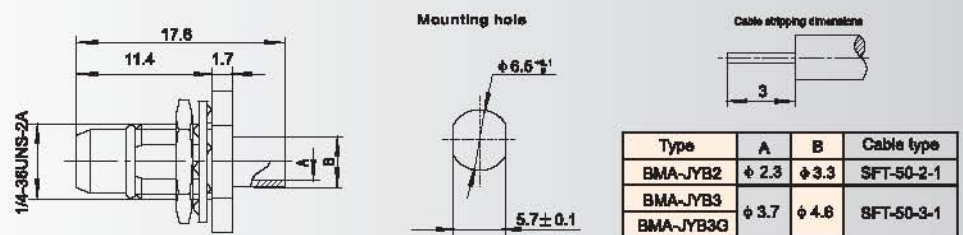
BMA-KF5YG等



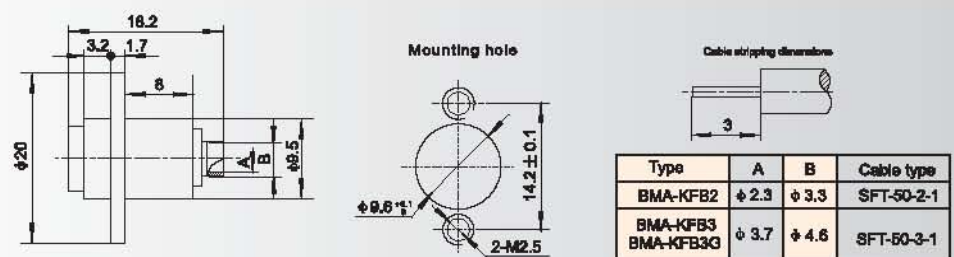
BMA-KY3Y



BMA-JYB2等

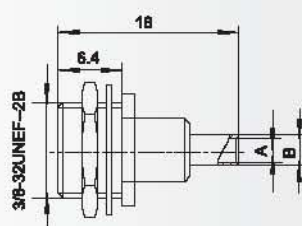


BMA-KFB2等

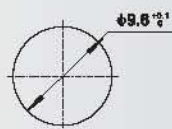




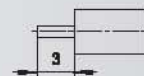
BMA-KYB2G等



Mounting hole



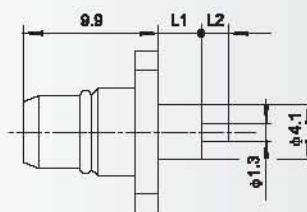
Cable stripping dimensions



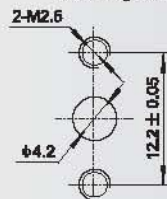
Type	A	B	Cable type
BMA-KFB2G	$\phi 2.3$	$\phi 3.3$	SFT-50-2-1
BMA-KFB3G	$\phi 3.7$	$\phi 4.6$	SFT-50-3-1



BMA-JFD等



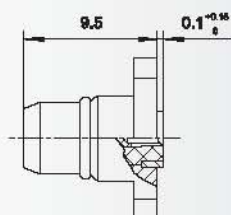
Mounting hole



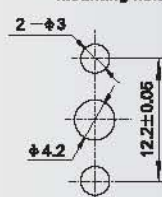
Type	L1	L2
BMA-JFD	3.2	2.0
BMA-JFDG	3.2	2.0
BMA-JFD6G	3.2	2.3



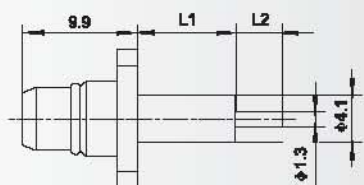
BMA-JFD1



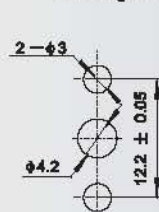
Mounting hole



BMA-JFD2等



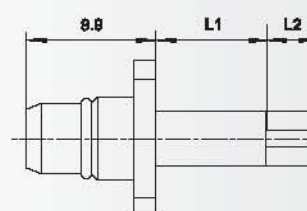
Mounting hole



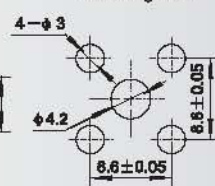
Type	L1	L2	Type	L1	L2
BMA-JFD2	8.4	4.0	BMA-JFD9G	8.4	2.0
BMA-JFD2G	8.4	4.0	BMA-JFD9	8.4	2.0
BMA-JFD5G	8.0	2.3	BMA-JFD12	4.0	3.0
BMA-JFD6	5.0	2.0	BMA-JFD13	3.0	3.0



BMA-JFD3等



Mounting hole



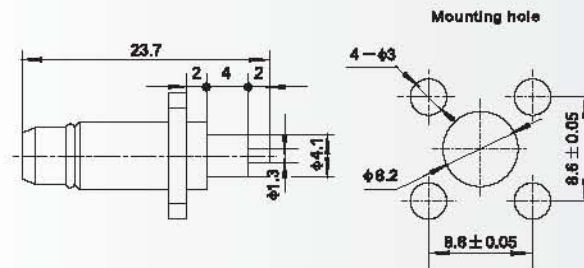
Type	L1	L2
BMA-JFD3	8.4	4.0
BMA-JFD3G	8.4	4.0
BMA-JFD8	4.0	2.0
BMA-JFD8G	4.0	2.0
BMA-JFD10	8.4	3.0



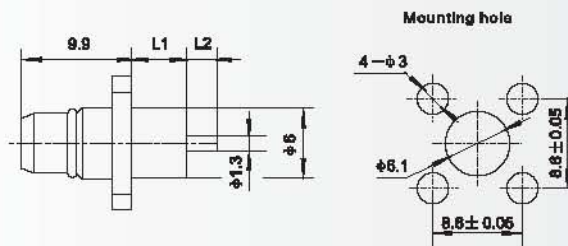
SERIES BMA COAXIAL CONNECTORS



BMA-JFD4



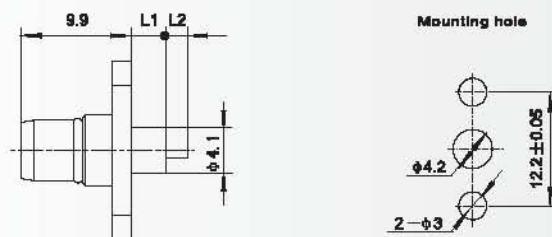
BMA-JFD15G等



Type	L1	L2
BMA-JFD15G	4.0	2.0
BMA-JFD16G	3.2	1.5



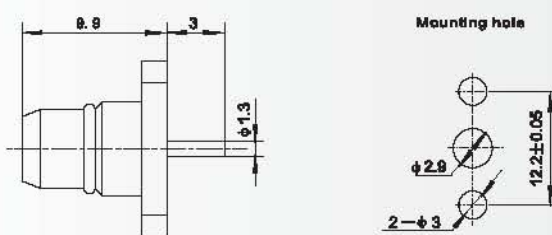
BMA-JFD11G等



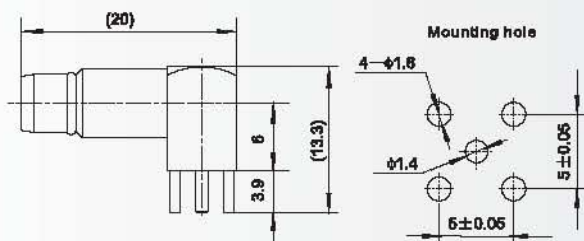
Type	L1	L2
BMA-JFD11G	5.0	2.0
BMA-JFD17	3.0	2.0
BMA-JFD17G	3.0	2.0



BMA-JFD14

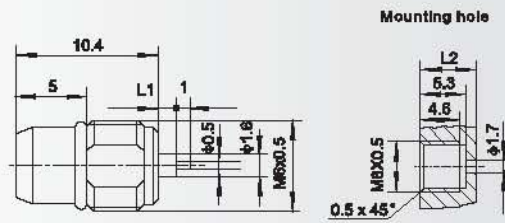


BMA-JWHD





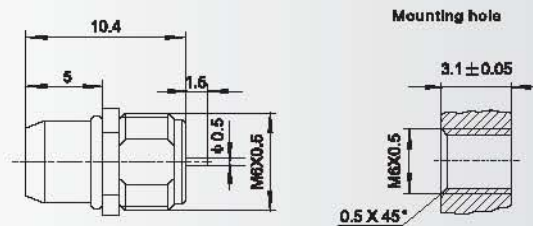
BMA-JYD等



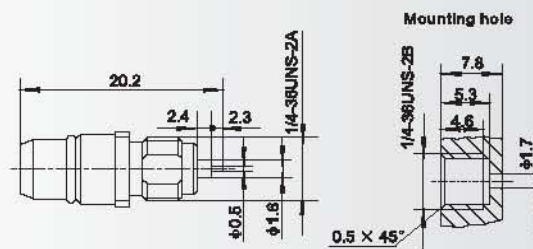
TYPE	L1	L2
BMA-JYD	1.3	6.6
BMA-JYDG	1.3	6.6
BMA-JYD2G	1.0	6.4



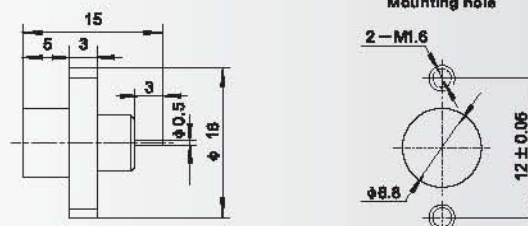
BMA-JYD1等



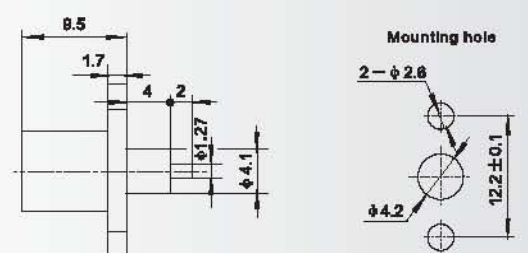
BMA-JYD3G



BMA-KFD1

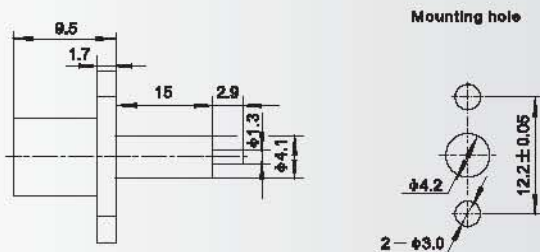


BMA-KFD2

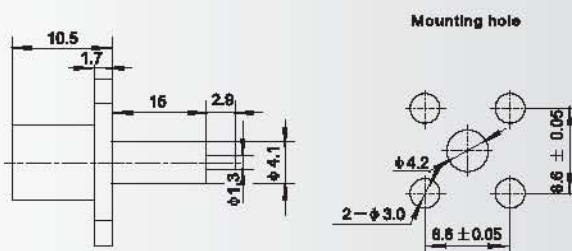




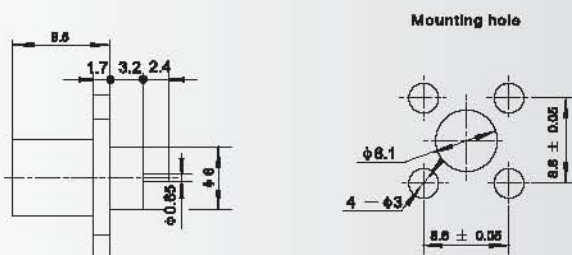
BMA-KFD3G



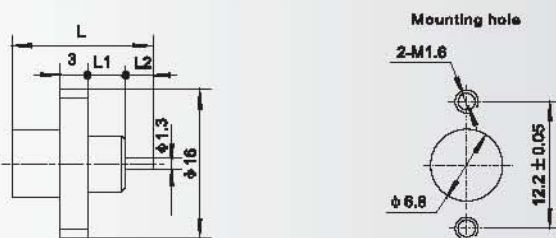
BMA-KFD4G



BMA-KFD6



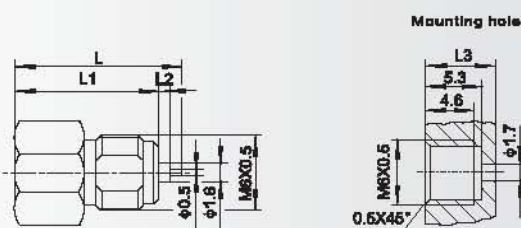
BMA-KFD7等



Type	L	L1	L2
BMA-KFD7	12.0	4.0	0.7
BMA-KFD8	11.0	2.5	0.5



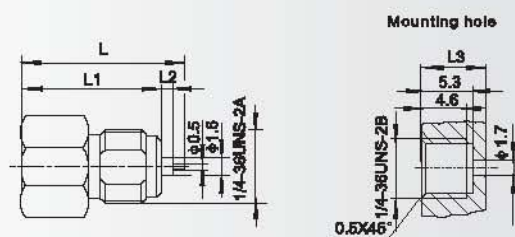
BMA-KYD等



Type	L	L1	L2	L3
BMA-KYD	13.8	11.3	1.3	6.6
BMA-KYD2G	13.2	11.3	1.0	6.4



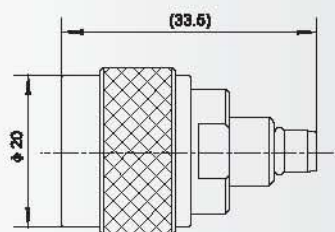
BMA-KYD1等



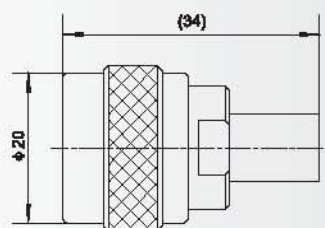
Type	L	L1	L2	L3
BMA-KYD1	19.0	11.3	1.3	8.6
BMA-KYD3G	15.4	11.4	1.0	7.0
BMA-KYD4G	15.4	11.4	2.1	7.6



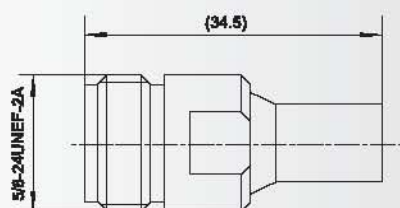
N/BMA-JJ



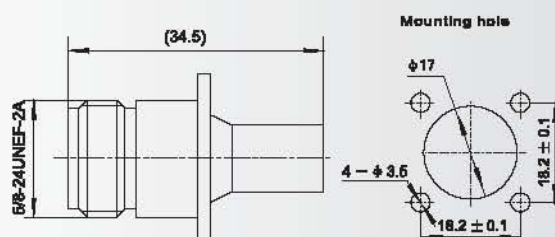
N/BMA-JK



N/BMA-KK

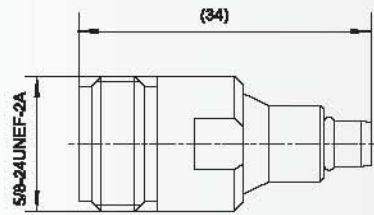


N/BMA-KFK

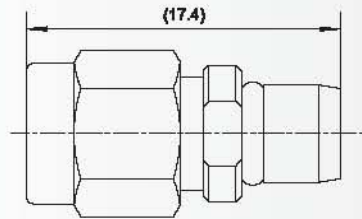




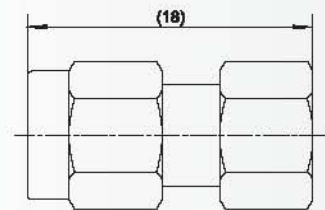
N/BMA-KJ



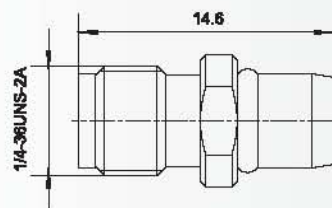
SMA/BMA-JJ



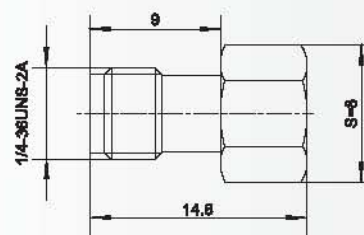
SMA/BMA-JK



SMA/BMA-KJ

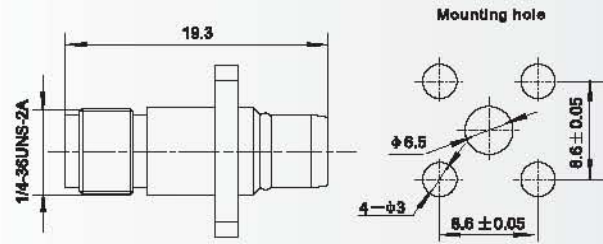


SMA/BMA-KK

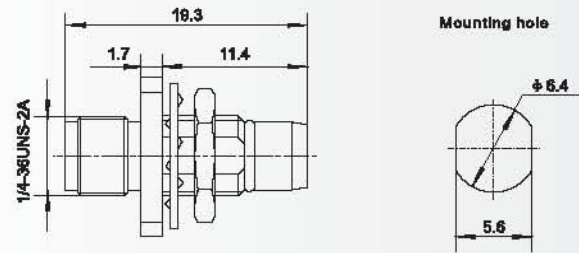




SMA/BMA-KFJ



SMA/BMA-KYJ



SMA/BMA-KFKG

