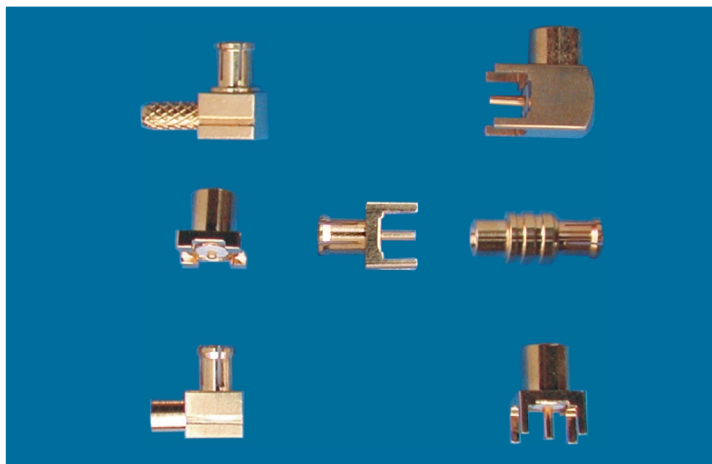


SERIES MCX RF COAXIAL CONNECTORS



Series MCX is small in size , easy in mating and reliable in contact. MCX series is recommended for use in tight areas where space is limited.

Key performance

Characteristic Impedance : 50 Ω

Frequency range : 0~6GHz

Contact resistance :

Center conductor $\leq 4.0\text{m } \Omega$

Out conductor $\leq 2.0\text{m } \Omega$

Insulation resistance : $\geq 1000\text{M } \Omega$

Insulator voltage withstanding : 750V

VSWR: ≤ 1.30

Connector durability : 500 cycles

Applicable spec/std : IEC1169-36 CECC-22220

Material

Center contacts:

Male---brass, gold plated.

Female---beryllium copper, gold plated

Bodies and other metal parts:

brass, gold plated

stainless steel ,passivated or gold plated

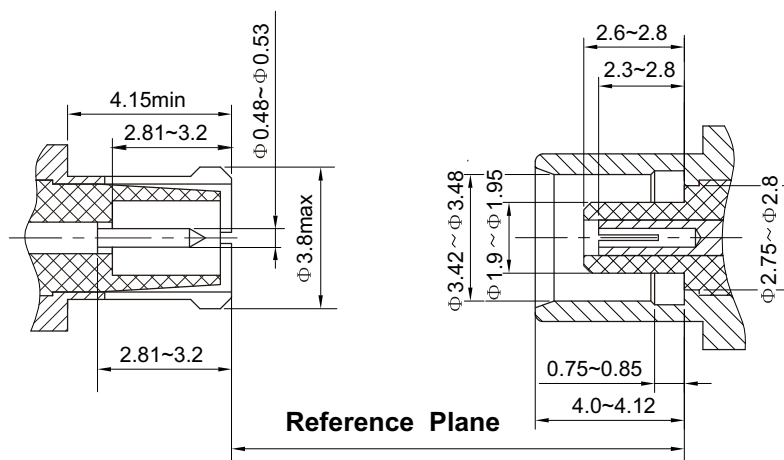
Insulators: Teflon

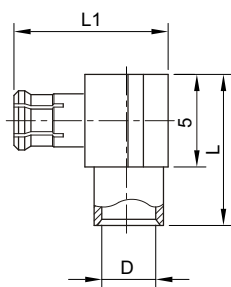
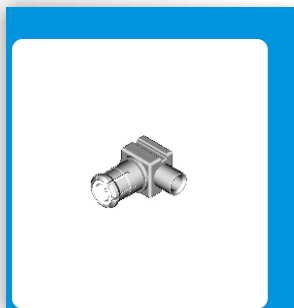
Crimp ferrule: copper, nickel plated.

Gasket and seal rings: silicone rubber

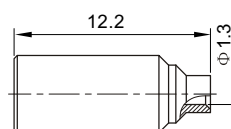
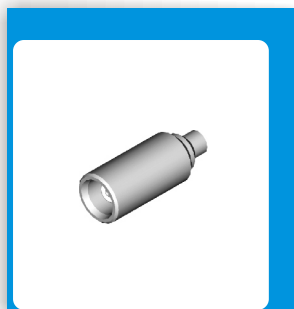
Heat-shrink tubing: thermofit plastic.

Interface Dimensions

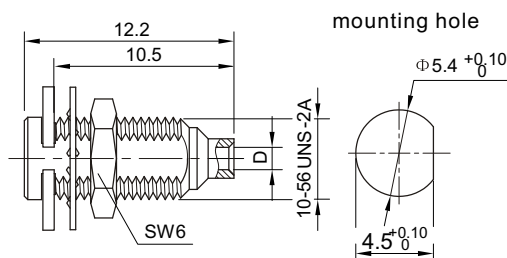




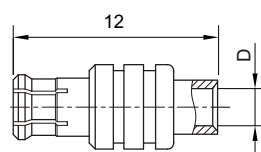
Type	part number	suitable cable	L	L 1	D	Note
MCX-JWB1	0030-6601	B1	7	8.4	Φ1.3	
MCX-JWB2	0030-6602	B2	8.4	8.4	Φ2.2	
MCX-JWB3	0030-6603	B3	9.2	9.2	Φ3.6	



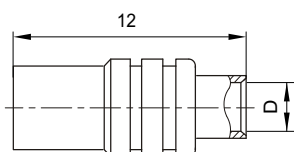
Type	part number	suitable cable	Note
MCX-KB1	0020-6601	B1	



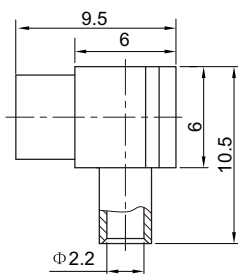
Type	part number	suitable cable	D	Note
MCX-KYB1	0020-2601	B1	Φ1.3	
MCX-KYB2	0020-2602	B2	Φ2.2	



Type	part number	suitable cable	D	Note
MCX-JB2	0010-6601	B2	Φ2.2	
MCX-JB3	0010-6602	B3	Φ3.6	

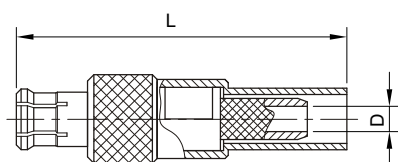
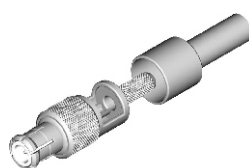


Type	part number	suitable cable	D	Note
MCX-KB2	0020-6602	B2	Φ2.2	
MCX-KB3	0020-6603	B3	Φ3.6	



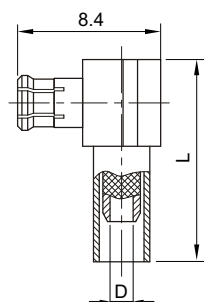
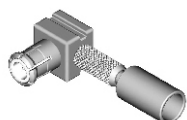
Type	part number	suitable cable	Note
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MCX-KWB2	0040-6601	B2	
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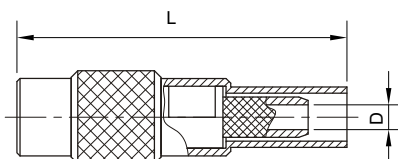
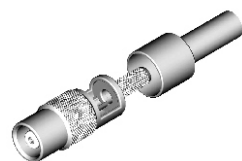
Type	part number	Suitable cable	L	D	Note
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MCX-J2	0010-6501	2	19.5	$\Phi 0.9$	
MCX-J3	0010-6502	3	20.5	$\Phi 1.6$	
MCX-J4YA	0010-6504	4	20.5	$\Phi 2.2$	



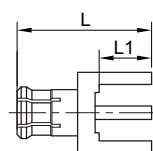
Type	part number	Suitable cable	L	D	Note
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MCX-JW2	0030-6501	2	11.1	$\Phi 0.9$	
MCX-JW3	0030-6502	3	11.7	$\Phi 1.6$	
MCX-JW3A	0030-6503	3A	12.6	$\Phi 1.6$	

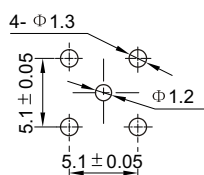


Type	part number	Suitable cable	L	D	Note
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MCX-K2	0020-6501	2	21.8	$\Phi 0.9$	
MCX-K3	0020-6502	3	23.3	$\Phi 1.6$	

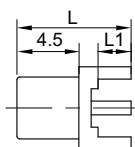


mounting hole

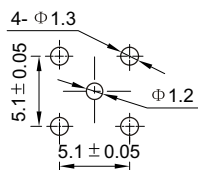


Type	part number	L	L 1	Note
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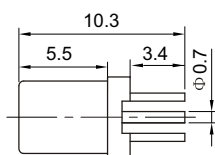
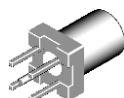
MCX-JHD	0010-5801	9.7	3.9	
MCX-JHD1	0010-5802	8.7	2.9	
MCX-JHD2	0010-5803	7.5	1.7	



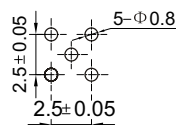
mounting hole



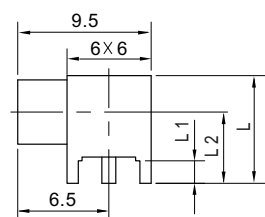
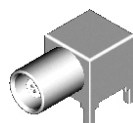
Type	part number	L	L1	Note
MCX-KHD	0020-5801	8.3	2.9	
MCX-KHD1	0020-5802	9.3	3.9	
MCX-KHD2	0020-5803	7.1	1.7	
MCX-KHD3	0020-5804	11.3	3.9	
MCX-KHD4	0020-5805	10.1	3.5	
MCX-KHD7	0020-5808	8.6	2.6	
MCX-KHD10	0020-58011	12.5	2.7	



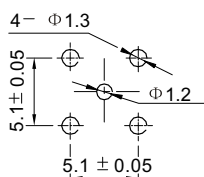
mounting hole



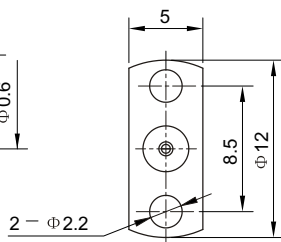
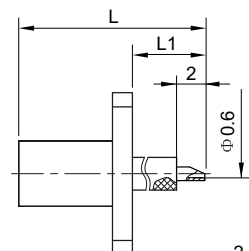
Type	part number	Note
MCX-KHD9	0020-5810	



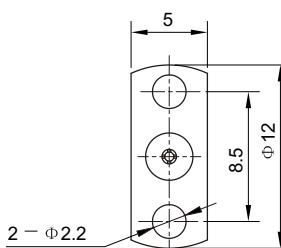
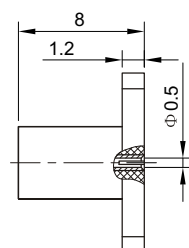
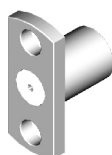
mounting hole



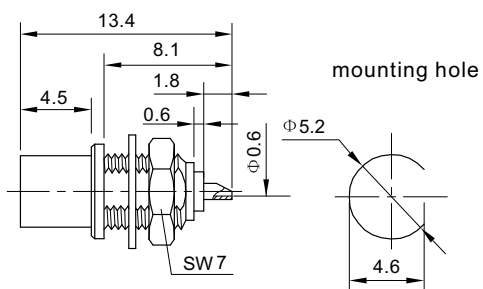
Type	part number	L	L1	L2	Note
MCX-KWHD	0040-5801	7.7	1.7	4.7	
MCX-KWHD1	0040-5802	8.9	3.9	5.9	
MCX-KWHD2	0040-5803	9.9	2.9	6.9	



Type	part number	L	L1	Note
MCX-KF	0020-1901	10	2	
MCX-KF1	0020-1902	16	8	

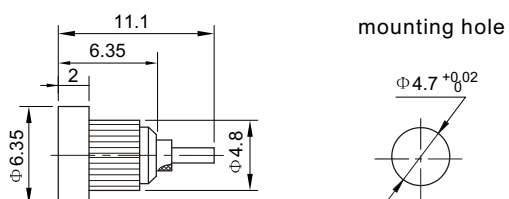


Type	part number	Note
MCX-KF2	0020-1903	suitable pin 0.5 ± 0.03



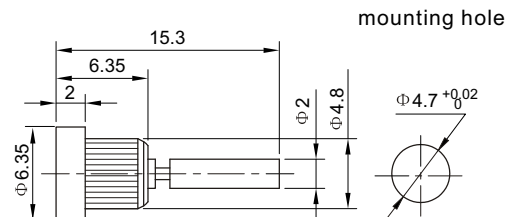
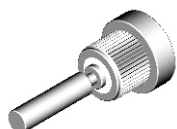
Type	part number	Note
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MCX-KY	0020-2901	
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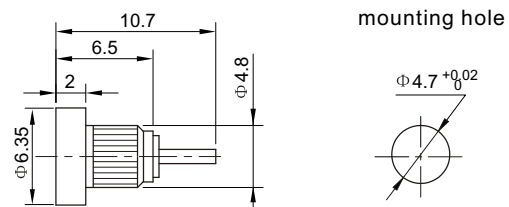
Type	part number	Note
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MCX-KPD	0020-3801	
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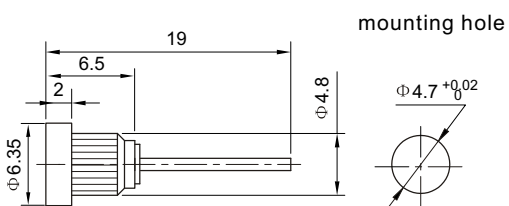
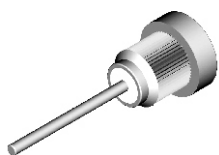
Type	part number	Note
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MCX-KPD1	0020-3802	
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Type	part number	Note
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MCX-KPD2	0020-3803	
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Type	part number	Note
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MCX-KPD3	0020-3804	
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SUCO plated