



- 50 Ohm Nominal Impedance.
- Snap-on interface for quick connect & disconnect.
- 1/3 smaller than the MCX series.
- Cable, right angle, and edge card styles available.
- Frequency Range: Up to 6 GHz

SPECIFICATIONS

MATERIAL

Body:	Brass
Crimp Sleeves:	Annealed Copper Alloy
Contacts:	Copper Alloy (Female) Brass (Male)
Spring Rings:	Copper Alloy
Insulators:	Teflon [®]

FINISHES

Body:	Gold or Nickel
Center Contacts:	Gold

ENVIRONMENTAL

Temperature Range:	-65° C to +165° C
Vibration:	MIL-STD-202, Method 204, Condition D
Shock:	MIL-STD-202, Method 102, Condition C
Corrosion:	MIL-STD-202, Method 101, Condition B

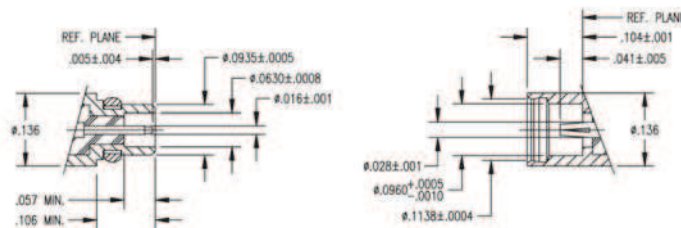
ELECTRICAL

Impedance:	50 Ohms
Frequency Range:	DC to 6 GHz
Contact Resistance:	Center Contact: 5.0 Milliohms Maximum Outer Contact: 2.5 Milliohms Maximum
Insulation Resistance:	1,000 Megohms Minimum

MECHANICAL

Life:	500 Cycles
Engagement Force:	3.4 Pounds Maximum
Disengagement Force:	1.4 Pounds Minimum
Contact Captivation:	2.3 Pounds Minimum

INTERFACE DIMENSIONS



MMCX SERIES

CABLE PLUGS, CRIMP TYPE - FLEXIBLE CABLE

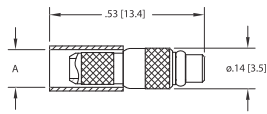


FIGURE 1

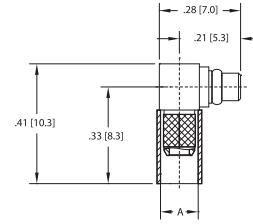


FIGURE 2

CABLE PLUGS, SOLDER TYPE - SEMI-RIGID CABLE

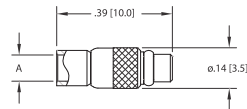


FIGURE 3

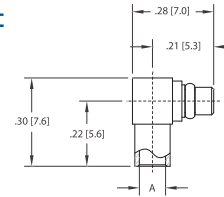


FIGURE 4

CABLE JACK, SOLDER TYPE SEMI-RIGID CABLE

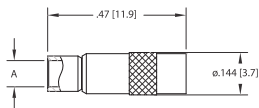


FIGURE 5

CABLE JACK, CRIMP TYPE FLEXIBLE CABLE

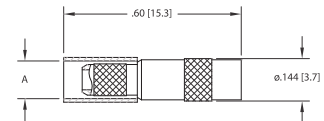


FIGURE 6

Item Number	Military PN	Product Description	Gender	Finish	Dimensions				Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
					A	B	C	D					
470-900-0631H		Plug, Crimp	M	Gold	0.142				3	CAP9-17	KTH-2015		1
470-900-0361H		Plug, Crimp	M	Gold	0.106				52	CAP9-17	KTH-2011		1
470-900-1000H		Plug, Crimp	M	Gold	0.128				82	CAP9-17	KTH-2011		1
470-900-0360H		Plug, Crimp	M	Gold	0.091				A	CAP9-17	KTH-2008		1
470-900-0630H		Plug, Crimp	M	Gold	0.128				B	CAP9-17	KTH-2011		1
472-900-0631H		Plug, Angle, Crimp	M	Gold	0.142				3	CAP9-18	KTH-2015		2
472-900-0361H		Plug, Angle, Crimp	M	Gold	0.106				52	CAP9-18	KTH-2011		2
472-900-1000H		Plug, Angle, Crimp	M	Gold	0.128				82	CAP9-18	KTH-2011		2
472-900-0360H		Plug, Angle, Crimp	M	Gold	0.091				A	CAP9-18	KTH-2008		2
472-900-0630H		Plug, Angle, Crimp	M	Gold	0.128				B	CAP9-18			2
471-900-0631H		Jack, Crimp	F	Gold	0.142				3	CAP9-17	KTH-2015		3
471-900-0361H		Jack, Crimp	F	Gold	0.106				52	CAP9-17	KTH-2011		3
471-900-1000H		Jack, Crimp	F	Gold	0.128				82	CAP9-17	KTH-2011		3
471-900-0360H		Jack, Crimp	F	Gold	0.091				A	CAP9-17	KTH-2008		3
471-900-0630H		Jack, Crimp	F	Gold	0.128				B	CAP9-17	KTH-2011		3
472-900-0850H		Plug, Angle, Solder	M	Gold	0.090				50	CAP5-18			4
472-900-0470H		Plug, Angle, Solder	M	Gold	0.052				51	CAP5-18			4
470-500-0850H		Plug, Solder	M	Gold	0.090				50	CAP5-17			5
470-500-0470H		Plug, Solder	M	Gold	0.052				51	CAP5-17			5
471-500-0850H		Jack, Solder	F	Gold	0.090				50	CAP5-17			6
471-500-0470H		Jack, Solder	F	Gold	0.052				51	CAP5-17			6

* For Nickel Plated Version, Change H to N in Part Number

PCB JACKS

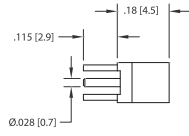
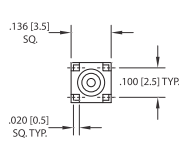


FIGURE 7

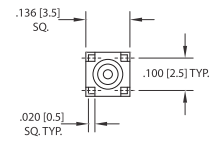
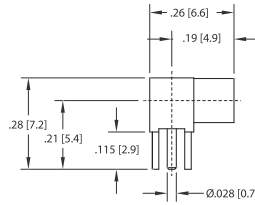


FIGURE 8

PCB PLUG

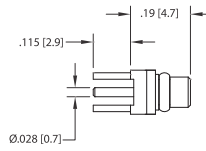
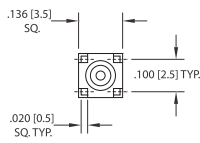


FIGURE 9

END LAUNCH JACK

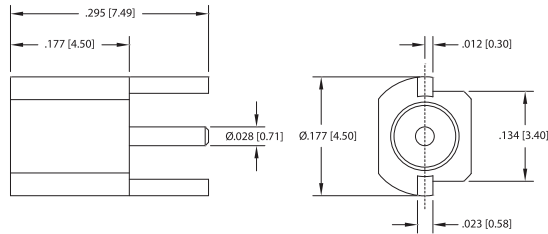


FIGURE 10

Item Number	Military PN	Product Description	Gender	Finish	Dimensions				Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
					A	B	C	D					
471-040-0040H		Jack, PCB	F	Gold								Q	7
473-040-0040H		Jack, Angle, PCB	F	Gold								Q	8
473-040-0040N		Jack, Angle, PCB	F	Nickel								Q	8
470-040-0040H		Plug, PCB	M	Gold								Q	9
471-086-0040H		Jack, End Launch	F	Gold									10
471-086-0040N		Jack, End Launch	F	Nickel									10