

- Available in 50 Ohm and 75 Ohm versions.
- Snap-on interface reduces installation time.
- Self-cleaning outer spring withstands moderate vibration.
- Small & lightweight.
- Frequency Range: Up to 4 GHz

SPECIFICATIONS

MATERIAL

Body:	Brass
Crimp Sleeves:	Annealed Copper Alloy
Contacts:	Brass (Male) Copper Alloy (Female)
Insulators:	Teflon®
Lockwashers:	Phosphor Bronze

FINISHES

Body: Gold or Nickel
Center Contacts: Gold

MECHANICAL

Life:	500 Cycles
Engagement Force:	14 Pounds Maximum
Disengagement Force:	2 Pounds Minimum
	14 Pounds Maximum

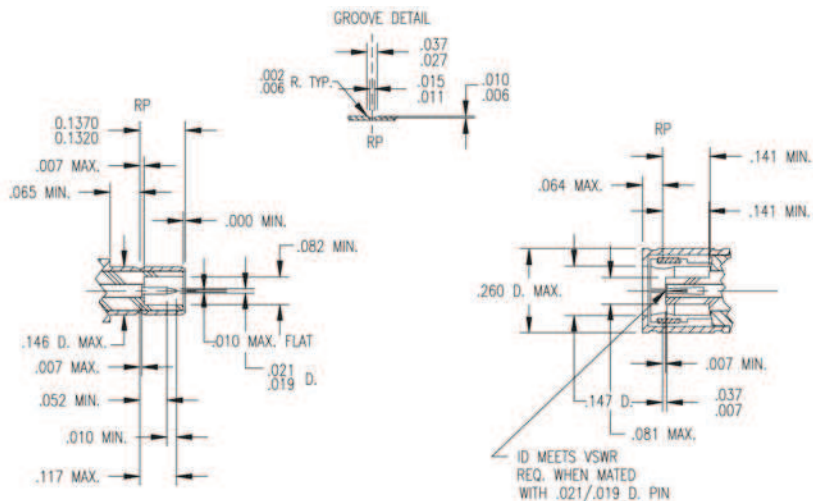
ELECTRICAL

Impedance:	50 Ohms
Frequency Range:	DC to 4 GHz
VSWR:	
RG196 or similar	Straight: 1.30 + .04F Right Angle: 1.45 + .06F
RG 316 or similar	Straight: 1.25 + .04F Right Angle: 1.35 + .04F
Insertion Loss:	.25 dB Max at 4 GHz

ENVIRONMENTAL

Temperature Range:	-65° C to +165° C
Vibration:	MIL-STD-202, Method 204, Condition B
Shock:	MIL-STD-202, Method 213, Condition B
Corrosion:	MIL-STD-202, Method 101, Condition B
Temperature Cycling:	MIL-STD-202, Method 102, Condition C

INTERFACE DIMENSIONS



SMB SERIES

CABLE PLUGS, CRIMP TYPE - FLEXIBLE CABLE

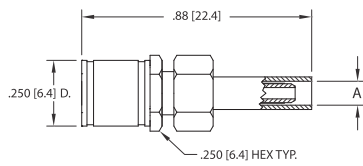


FIGURE 1

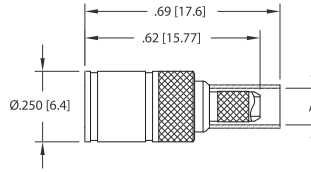


FIGURE 2

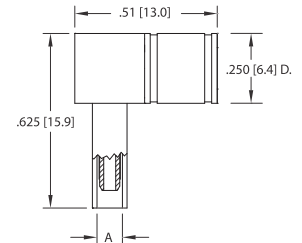


FIGURE 3

CABLE JACKS, CRIMP TYPE - FLEXIBLE CABLE

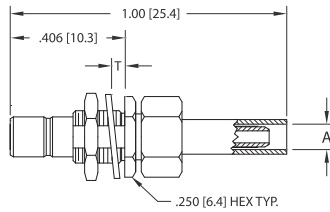


FIGURE 4

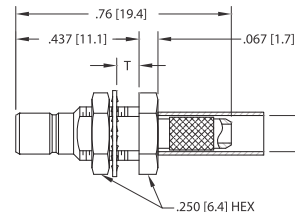


FIGURE 5

Item Number	Military PN	Product Description	Gender	Finish	A	Dimensions B	C	T	Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
510-800-0631H		Plug, Crimp/Clamp	F	Gold	0.142				3	CAP8-02	KTH-2015		1
510-800-0631N		Plug, Crimp/Clamp	F	Nickel	0.142				3	CAP8-02	KTH-2015		1
510-800-0360H		Plug, Crimp/Clamp	F	Gold	0.091				A	CAP8-02	KTH-2008		1
510-800-0360N		Plug, Crimp/Clamp	F	Nickel	0.091				A	CAP8-02	KTH-2008		1
510-800-0630H		Plug, Crimp/Clamp	F	Gold	0.128				B	CAP8-02	KTH-2011		1
510-800-0630N		Plug, Crimp	F	Nickel	0.128				B	CAP8-02	KTH-2011		1
510-900-0360H		Plug, Crimp	F	Gold	0.091				A	CAP9-08	KTH-2008		2
510-900-0360N		Plug, Crimp	F	Nickel	0.091				A	CAP9-08	KTH-2008		2
510-900-0630H		Plug, Crimp	F	Gold	0.128				B	CAP9-08	KTH-2011		2
510-900-0630N		Plug, Crimp	F	Nickel	0.128				B	CAP9-08	KTH-2011		2
512-900-0631H		Plug, Angle, Crimp	F	Gold	0.142				3	CAP9-06	KTH-2015		3
512-900-0631N		Plug, Angle, Crimp	F	Nickel	0.142				3	CAP9-06	KTH-2015		3
512-900-0360H		Plug, Angle, Crimp	F	Gold	0.091				A	CAP9-06	KTH-2008		3
512-900-0360N		Plug, Angle, Crimp	F	Nickel	0.091				A	CAP9-06	KTH-2008		3
512-900-0630H		Plug, Angle, Crimp	F	Gold	0.128				B	CAP9-06	KTH-2011		3
512-900-0630N		Plug, Angle, Crimp	F	Nickel	0.128				B	CAP9-06	KTH-2011		3
511-880-0631H		Jack, Bulkhd, Crimp/Clamp	M	Gold	0.142			0.093	3	CAP8-02	KTH-2015	P	4
511-880-0631N		Jack, Bulkhd	M	Nickel	0.142			0.093	3	CAP8-02	KTH-2015	P	4
511-880-0360H		Jack, Bulkhd, Crimp/Clamp	M	Gold	0.091			0.093	A	CAP8-02	KTH-2008	P	4
511-880-0360N		Jack, Bulkhd, Crimp/Clamp	M	Nickel	0.091			0.093	A	CAP8-02	KTH-2008	P	4
511-880-0630H		Jack, Bulkhd, Crimp/Clamp	M	Gold	0.128			0.093	B	CAP8-02	KTH-2011	P	4
511-880-0630N		Jack, Bulkhd, Crimp/Clamp	M	Nickel	0.128			0.093	B	CAP8-02	KTH-2011	P	4
511-980-0631H		Jack, Bulkhd, Crimp	M	Gold	0.142			0.093	3	CAP9-08	KTH-2015	P	5
511-980-0631N		Jack, Bulkhd, Crimp	M	Nickel	0.142			0.093	3	CAP9-08	KTH-2015	P	5
511-980-0360H		Jack, Bulkhd, Crimp	M	Gold	0.091			0.093	A	CAP9-08	KTH-2008	P	5
511-980-0360N		Jack, Bulkhd, Crimp	M	Nickel	0.091			0.093	A	CAP9-08	KTH-2008	P	5
511-980-0630H		Jack, Bulkhd, Crimp	M	Gold	0.128			0.093	B	CAP9-08	KTH-2011	P	5
511-980-0630N		Jack, Bulkhd, Crimp	M	Nickel	0.128			0.093	B	CAP9-08	KTH-2011	P	5

CABLE PLUGS, SOLDER TYPE - SEMI-RIGID CABLE

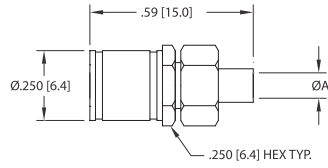


FIGURE 6

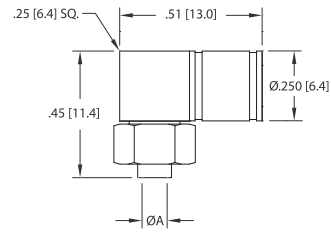


FIGURE 7

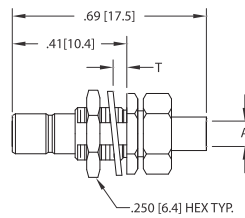


FIGURE 8

Item Number	Military PN	Product Description	Gender	Finish	A	Dimensions			T	Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
510-600-0850N		Plug, Solder/Clamp	F	Nickel	0.090					48	CAP6-01			6
510-600-1410H		Plug, Solder/Clamp	F	Gold	0.144					49	CAP6-01			6
510-600-1410N		Plug, Solder/Clamp	F	Nickel	0.144					49	CAP6-01			6
510-600-0850H		Plug, Solder/Clamp	F	Gold	0.090					48	CAP6-01			6
512-600-0850H		Plug, Angle, Solder/Clamp	F	Gold	0.090					48	CAP6-02			7
512-600-0850N		Plug, Angle, Solder/Clamp	F	Nickel	0.090					48	CAP6-02			7
512-600-1410H		Plug, Angle, Solder/Clamp	F	Gold	0.144					49	CAP6-02			7
512-600-1410N		Plug, Angle, Solder/Clamp	F	Nickel	0.144					49	CAP6-02			7
511-680-0850H		Jack, Bulkhd, Solder/Clamp	M	Gold	0.090				0.093	48	CAP6-01		P	8
511-680-1410H		Jack, Bulkhd, Solder/Clamp	M	Gold	0.144				0.093	B	CAP6-01		P	8

PCB JACK

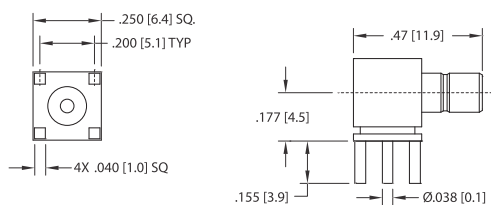


FIGURE 9

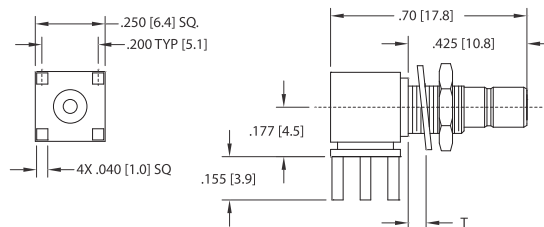


FIGURE 10

PCB JACK

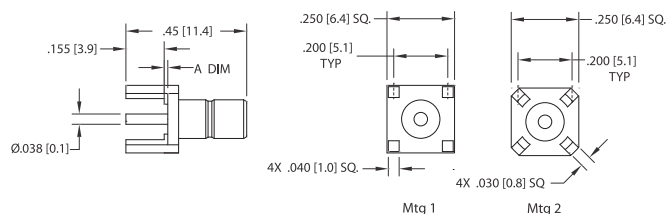


FIGURE 11

PCB PLUG

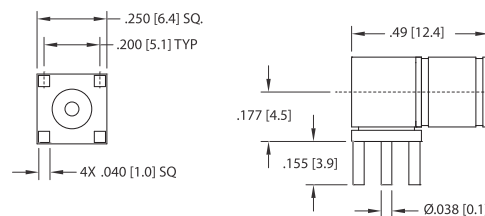


FIGURE 13

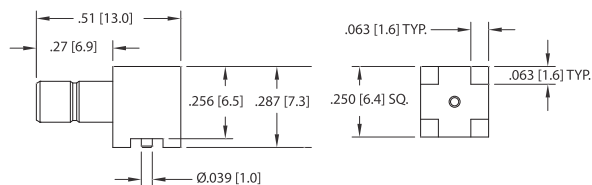


FIGURE 12

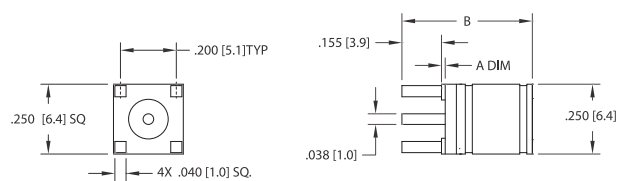


FIGURE 14

SURFACE MOUNT PLUG

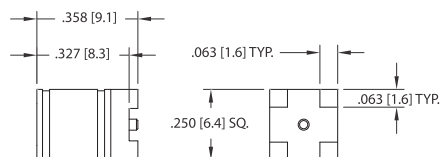


FIGURE 15

SURFACE MOUNT JACK

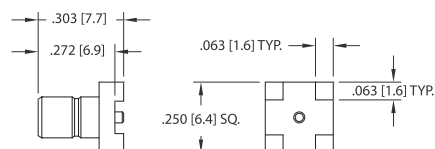


FIGURE 16

CABLE JACKS, SOLDER TYPE

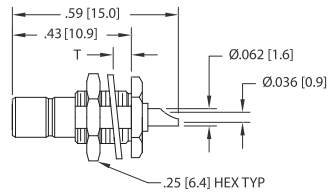


FIGURE 17

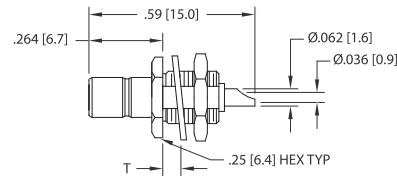


FIGURE 18

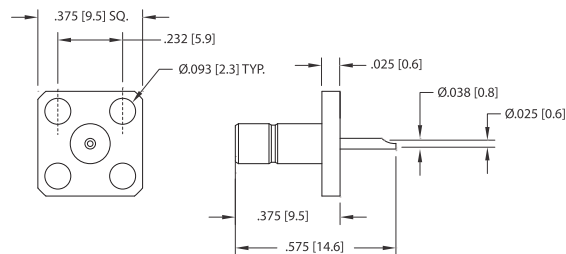


FIGURE 19

Item Number	Military PN	Product Description	Gender	Finish	Dimensions				Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
513-060-0040H		Jack, Angle, PCB	M	Gold								U	9
513-060-0040N		Jack, Angle, PCB	M	Nickel								U	9
513-060-0080H		Jack, Angle, Bulkhd, PCB	M	Gold				0.093				U & P	10
513-060-0080N		Jack, Angle, Bulkhd, PCB	M	Nickel				0.093				U & P	10
511-060-0040H		Jack, PCB	M	Gold	0.000							U	11_1
511-060-0040N		Jack, PCB	M	Nickel	0.000							U	11_1
511-060-0047H		Jack, PCB	M	Gold	0.000							O	11_2
511-060-0048H		Jack, PCB	M	Gold	0.020							O	11_2
511-060-0047N		Jack, PCB	M	Nickel	0.000							O	11_2
511-060-0048N		Jack, PCB	M	Nickel	0.020							O	11_2
513-077-0040H		Jack, Angle, PCB, Surface Mt	M	Gold									12
512-060-0040H		Plug, Angle, PCB	F	Gold								U	13
512-060-0040N		Plug, Angle, PCB	F	Nickel								U	13
510-060-0040H		Plug, PCB	F	Gold	0.000	0.470						U	14
510-060-0047H		Plug, PCB	F	Gold	0.020	0.490						U	14
510-060-0040N		Plug, PCB	F	Nickel	0.000	0.470						U	14
510-060-0047N		Plug, PCB	F	Nickel	0.020	0.490						U	14
510-077-0040H		Plug, PCB, Surface Mt	F	Gold									15
511-077-0040H		Jack, PCB, Surface Mt	M	Gold									16
511-080-0000H		Receptacle, Bulkhd	M	Gold				0.093				P	17
511-080-0001H		Receptacle, Bulkhd	M	Gold				0.093				P	17
511-080-0000N		Receptacle, Bulkhd	M	Nickel				0.093				P	17
511-080-0001N		Receptacle, Bulkhd	M	Nickel				0.093				P	17
511-082-0000H		Receptacle, Bulkhd	M	Gold				0.093				P	18
511-082-0000N		Receptacle, Bulkhd	M	Nickel				0.093				P	18
511-071-0000H		Receptacle, Panel	M	Gold								V	19
511-071-0000N		Receptacle, Panel	M	Nickel								V	19