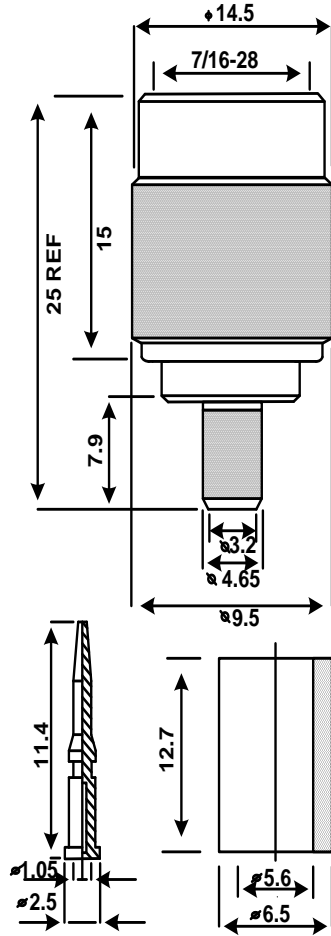


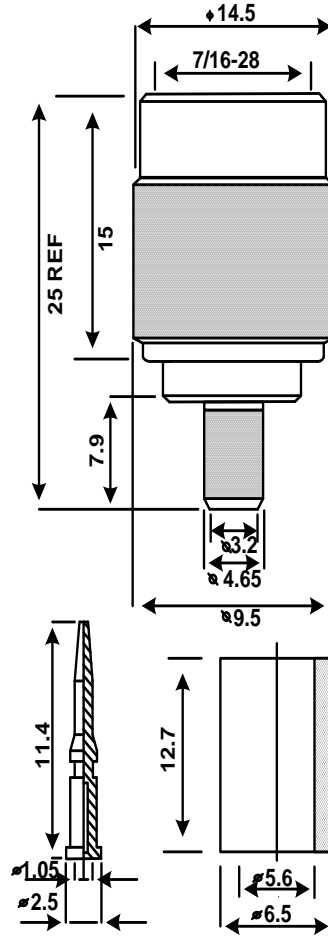


Electrical Characteristics		
Impedance	50 ohm	75 ohm
Frequency range	0-4 GHz	0-1 GHz
V.S.W.R.	Straight: 1.3 Max, R/A : 1.5 Max	Straight: 1.3 Max, R/A : 1.5 Max
Insertion loss	0.2 dB max @ 3GHz	0.2 dB max @ 3GHz
Insulation resistance	5000 Megohms min.	5000 Megohms min.
Contact resistance		
Centre contact	3 Milliohms Max.	3 Milliohms Max.
Outer conductor	2 Milliohms Max.	2 Milliohms Max.
Working voltage (at sea level/at 70 000ft)	500 volts rms max at sea level	500 volts rms max at sea level
Dielectric withstanding voltage	1500 volts rms max at sea level	1500 volts rms max at sea level
Mechanical Characteristics		
Durability	500 matings	500 matings
Proof torque	15 in.-lbs. min.	15 in.-lbs. min.
Coupling mechanism retention force		
Cabling retention force	RG58, 141, 142, 223 --> 40 lbs min RG174, 188, 316 --> 20 lbs min	RG59, 62A, 210 --> 40 lbs min
Center contact retention	6 lbs. min	6 lbs. min
Environmental Characteristics		
Temperature range	(-65° C to 165° C)	(-65° C to 165° C)
Thermal shock	MIL-STD-202 Method 107 Test Cond. B.	MIL-STD-202 Method 107 Test Cond. B.
Corrosion (salt spray)	MIL-STD-202 Method 101 Test Cond. B.	MIL-STD-202 Method 101 Test Cond. B.
Vibration	MIL-STD-202 Method 204 Test Cond. B.	MIL-STD-202 Method 204 Test Cond. B.
Materials		
Body and center pin contacts	Brass	Brass
Center socket contacts	Brass / Beryllium Copper	Brass / Beryllium Copper
Ferrules	Brass	Brass
Insulators	Teflon	Teflon
Plating		
Body	Nickel, Gold or Silver per requirement	Nickel, Gold or Silver per requirement
Center contacts	Gold	Gold

V-7401-58

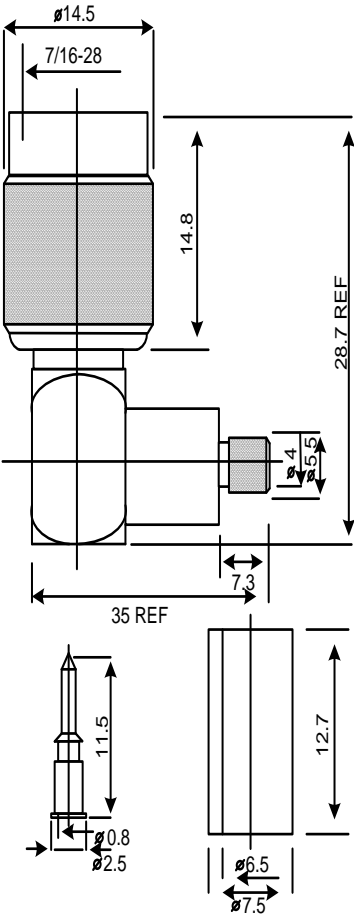


NO	DESCRIPTION	MATERIAL	FINISH	QTY	SCALE	ISSUE	MM
9	RING	BRASS	NICKEL	1			
8	GASKET	RUBBER	NICKEL	1			
7	WASHER	STEEL	NICKEL	1			
6	WASHER	BRASS	NICKEL	1			
5	WASHER	STEEL	NICKEL	1			
4	PIN	BRASS	GOLD	1			
3	INSULATOR	TEFLON	NONE	1			
2	BODY	BRASS	NICKEL	1			
1	SHELL	BRASS	NICKEL	1			
VELOCITY TECHNOLOGY INDUSTRIES							
PART NO V-7401-58							
APPROVED DATE 23 Jan 2007							
TITLE: TNC STRAIGHT PLUG CRIMP For RG58U							
CHECKED DATE 23 Jan 2007							
DRAWING NO.: V-7401 For RG58U							
DRAWN DATE 21 Jan 2007							
FILE NO:							



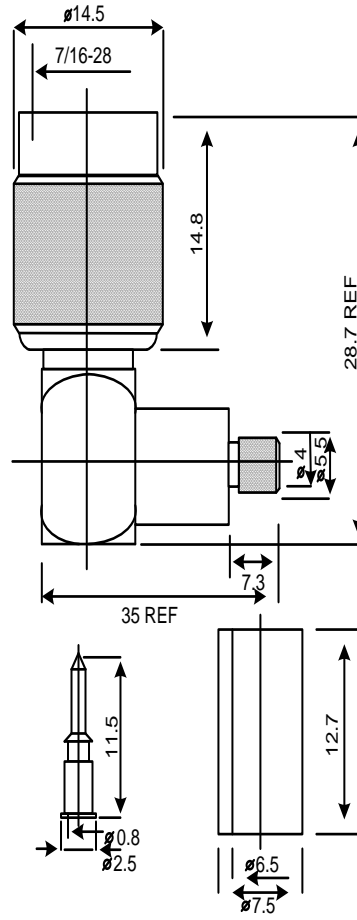
NO	DESCRIPTION	MATERIAL	FINISH	QTY	SCALE	ISSUE	MM
9	RING	BRASS	NICKEL	1			
8	GASKET	RUBBER	NICKEL	1			
7	WASHER	STEEL	NICKEL	1			
6	WASHER	BRASS	NICKEL	1			
5	WASHER	STEEL	NICKEL	1			
4	PIN	BRASS	GOLD	1			
3	INSULATOR	TEFLON	NONE	1			
2	BODY	BRASS	NICKEL	1			
1	SHELL	BRASS	NICKEL	1			
VELOCITY TECHNOLOGY INDUSTRIES							
PART NO V-7401-58							
APPROVED DATE 23 Jan 2007							
TITLE: TNC STRAIGHT PLUG CRIMP For RG58U							
CHECKED DATE 23 Jan 2007							
DRAWING NO.: V-7401 For RG58U							
DRAWN DATE 21 Jan 2007							
FILE NO:							

V-7404-59



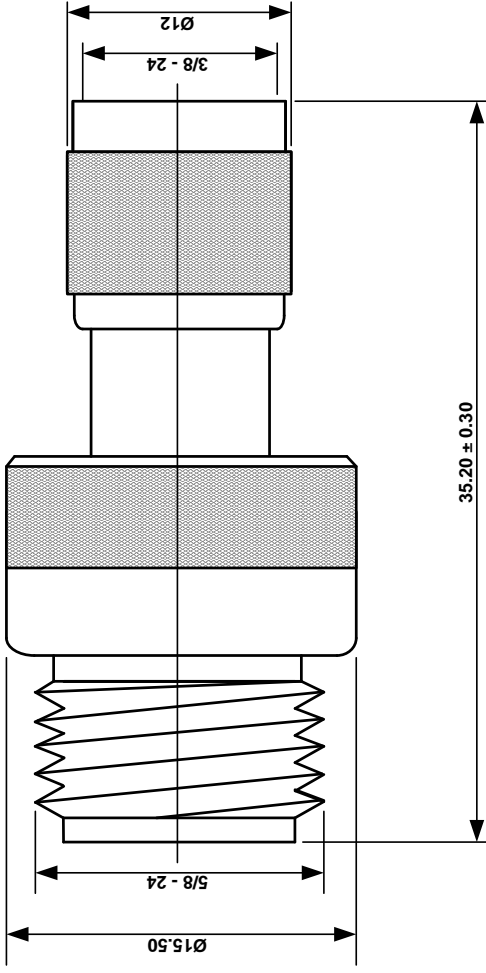
NO	DESCRIPTION	MATERIAL	FINISH	QTY	SCALE	ISSUE	MM
13	PIN	BRASS	GOLD	1			
12	RING	BRASS	NICKEL	1			
11	BODY	BRASS	NICKEL	1			
10	PIN	BRASS	GOLD	1			
9	INSULATOR	TEFLON	WHITE	1			
8	INSULATOR	TEFLON	WHITE	1			
7	GASKET	RUBBER	RED	1			
6	WASHER	STEEL	NICKEL	1			
5	WASHER	BRASS	NICKEL	1			
4	WASHER	STEEL	NICKEL	1			
3	PIN	BRASS	GOLD	1			
2	BODY	BRASS	NICKEL	1			
1	SHELL	BRASS	NICKEL	1			

VELOCITY TECHNOLOGY INDUSTRIES	
PART NO	V-7404-59
APPROVED DATE	31 JUNE 2007
CHECKED DATE	31 JUNE 2007
DRAWN DATE	24 APRIL 2005
TITLE:	RIGHT ANGLE TNC MALE CRIMP TYPE RG58U
DRAWING NO.:	V-7404 RG58U
FILE NO.:	

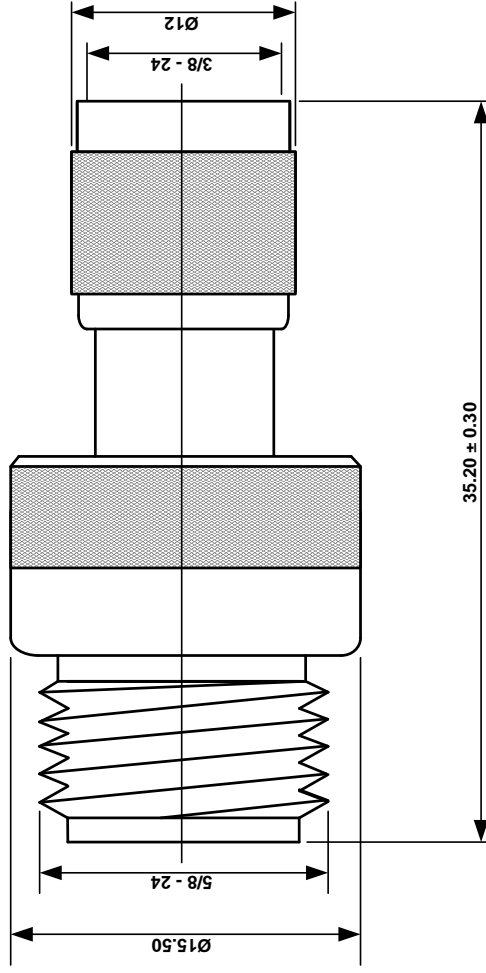


NO	DESCRIPTION	MATERIAL	FINISH	QTY	SCALE	ISSUE	MM
13	PIN	BRASS	GOLD	1			
12	RING	BRASS	NICKEL	1			
11	BODY	BRASS	NICKEL	1			
10	PIN	BRASS	GOLD	1			
9	INSULATOR	TEFLON	WHITE	1			
8	INSULATOR	TEFLON	WHITE	1			
7	GASKET	RUBBER	RED	1			
6	WASHER	STEEL	NICKEL	1			
5	WASHER	BRASS	NICKEL	1			
4	WASHER	STEEL	NICKEL	1			
3	PIN	BRASS	GOLD	1			
2	BODY	BRASS	NICKEL	1			
1	SHELL	BRASS	NICKEL	1			

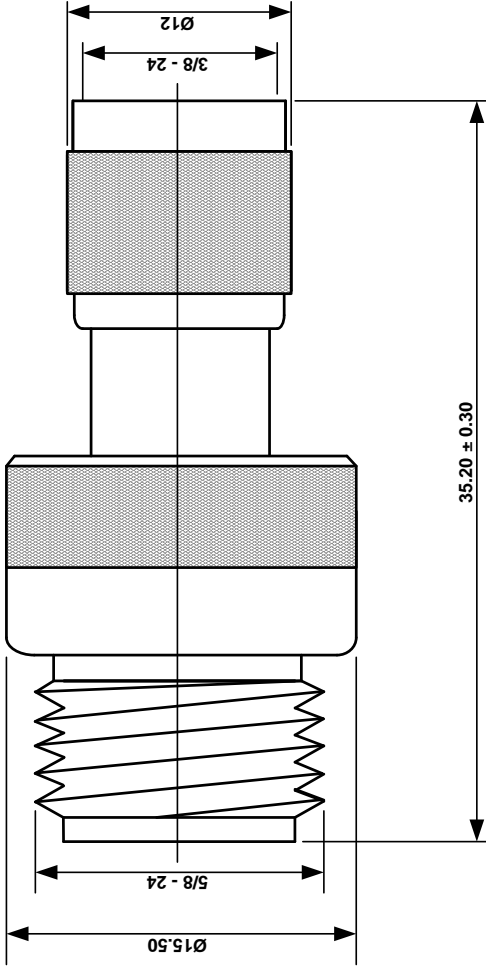
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PART NO	V-7404-59
APPROVED DATE	31 JUNE 2007
CHECKED DATE	31 JUNE 2007
DRAWN DATE	24 APRIL 2005
TITLE:	RIGHT ANGLE TNC MALE CRIMP TYPE RG58U
DRAWING NO.:	V-7404 RG58U
FILE NO.:	



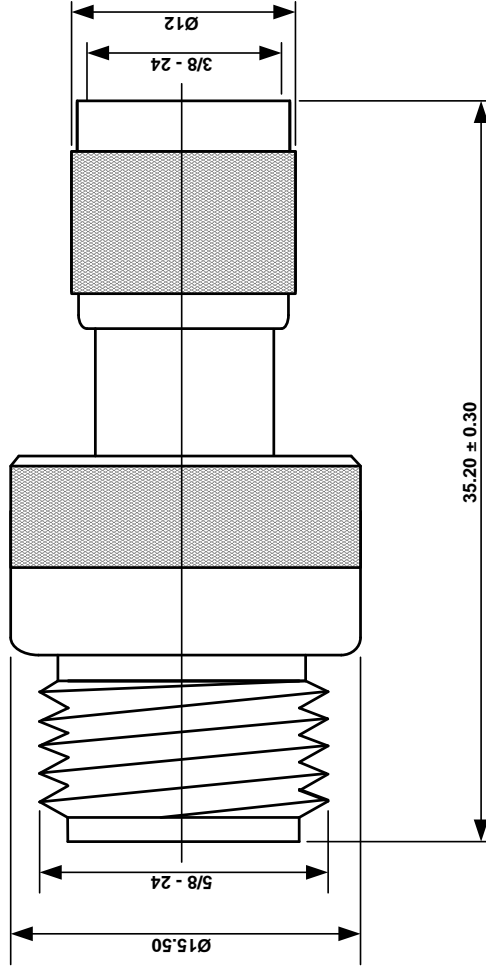
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PART NO.:	V-7608-5																												
TITLE:	MMI UFM MALE TO N FEMALE, 500HH																												
APPROVED DATE:	September 6 2009																												
CHECKED DATE:	July 10 2009																												
DRAWING NO.:	V-7608 500HH																												
DRAWN DATE:	July 10 2009																												
<table border="1"> <thead> <tr> <th>DIMENSION IN MILLIMETERS UNLESS OTHERWISE SPECIFIED TOLERANCES</th> <th>SCALE</th> <th>ISSUE</th> <th>mm</th> </tr> </thead> <tbody> <tr> <td>0.5 - 5 = ± 0.2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5.0 - 30 = ± 0.4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>30.0 - 120 = ± 0.6</td> <td></td> <td></td> <td></td> </tr> <tr> <td>120.0 - 315 = ± 1.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>315.0 - 1000 = ± 1.6</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1000.0 - 2000 = ± 2.4</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		DIMENSION IN MILLIMETERS UNLESS OTHERWISE SPECIFIED TOLERANCES	SCALE	ISSUE	mm	0.5 - 5 = ± 0.2				5.0 - 30 = ± 0.4				30.0 - 120 = ± 0.6				120.0 - 315 = ± 1.0				315.0 - 1000 = ± 1.6				1000.0 - 2000 = ± 2.4			
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NO.	DESCRIPTION	MATERIAL	FINISH	QTY																									
5	SHELL	NICKEL		1																									
4	DIELECTRIC	TEFLON	NONE	1																									
3	DIELECTRIC	TEFLON	NONE	1																									
2	PIN	BRASS	GOLD	1																									
1	BODY	BRASS	NICKEL	1																									



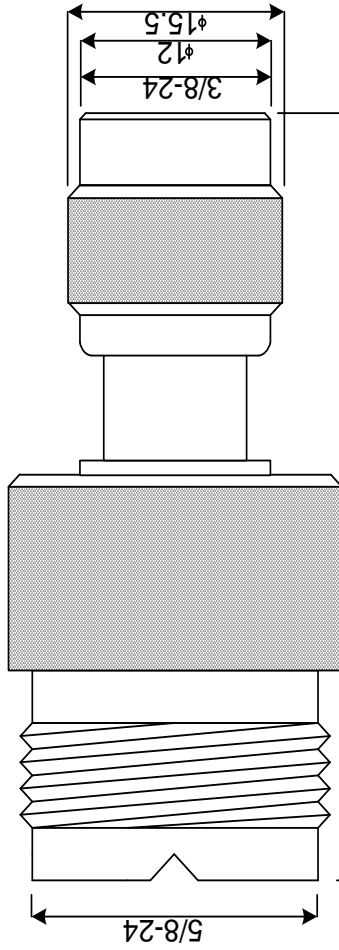
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TITLE:	MMI UFM MALE TO N FEMALE, 500HH																												
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NO.	DESCRIPTION	MATERIAL	FINISH	QTY																									
5	SHELL	NICKEL		1																									
4	DIELECTRIC	TEFLON	NONE	1																									
3	DIELECTRIC	TEFLON	NONE	1																									
2	PIN	BRASS	GOLD	1																									
1	BODY	BRASS	NICKEL	1																									



VELOCITY TECHNOLOGY INDUSTRIES							
PART NO.:	V-7608-5						
TITLE:	MINI UHF MALE TO N FEMALE, 500MH						
APPROVED DATE:	September 6 2009						
CHECKED DATE:	July 10 2009						
DRAWN DATE:	July 10 2009						
DIMENSION IN MILLIMETERS UNLESS OTHERWISE SPECIFIED TOLERANCES 0.5 - 5 = ± 0.2 5.0 - 30 = ± 0.4 30.0 - 120 = ± 0.6 120.0 - 150 = ± 1.0 150.0 - 1000 = ± 1.6 1000.0 - 2000 = ± 2.4							
NO.	DESCRIPTION	MATERIAL	FINISH	QTY	SCALE	ISSUE	mm
5	SHELL	BRASS	NICKEL	1			
4	DIELECTRIC	TEFLON	NONE	1			
3	DIELECTRIC	TEFLON	NONE	1			
2	PIN	BRASS	GOLD	1			
1	BODY	BRASS	NICKEL	1			



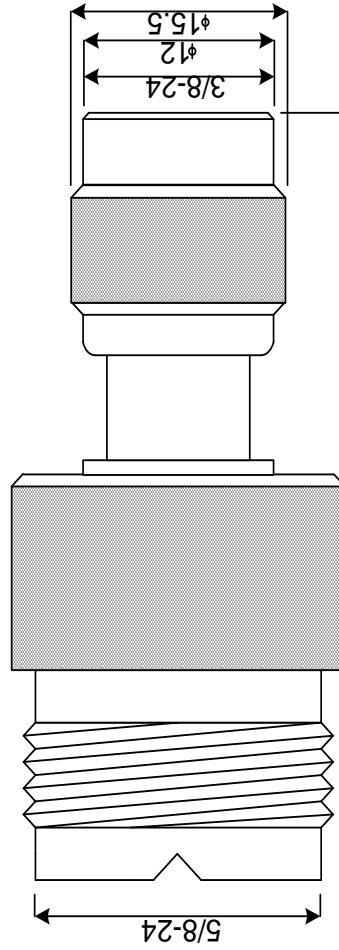
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PART NO.:	V-7608-5						
TITLE:	MINI UHF MALE TO N FEMALE, 500MH						
APPROVED DATE:	September 6 2009						
CHECKED DATE:	July 10 2009						
DRAWN DATE:	July 10 2009						
DIMENSION IN MILLIMETERS UNLESS OTHERWISE SPECIFIED TOLERANCES 0.5 - 5 = ± 0.2 5.0 - 30 = ± 0.4 30.0 - 120 = ± 0.6 120.0 - 150 = ± 1.0 150.0 - 1000 = ± 1.6 1000.0 - 2000 = ± 2.4							
NO.	DESCRIPTION	MATERIAL	FINISH	QTY	SCALE	ISSUE	mm
5	SHELL	BRASS	NICKEL	1			
4	DIELECTRIC	TEFLON	NONE	1			
3	DIELECTRIC	TEFLON	NONE	1			
2	PIN	BRASS	GOLD	1			
1	BODY	BRASS	NICKEL	1			



33.7 REF

NO		DESCRIPTION		MATERIAL		FINISH		QTY		SCALE		ISSUE		MM	
6	INSULATOR	DELIRIN	WHITE	1											
5	CONTACT PIN	BRASS	GOLD	1											
4	INSULATOR	DELIRIN	WHITE	1											
3	CONTACT BODY	BRASS	NICKEL	1											
2	SHELL	BRASS	NICKEL	1											
1	BODY	BRASS	NICKEL	1											

VELOCITY TECHNOLOGY INDUSTRIES	
PART NO.: V-7610	APPROVED DATE: July 03 2006
TITLE: MINI UHF MALE TO UHF FEMALE	CHECKED DATE: June 12 2006
DRAWING NO.: V-7610	DRAWN DATE: June 01 2006
FILE NO.:	

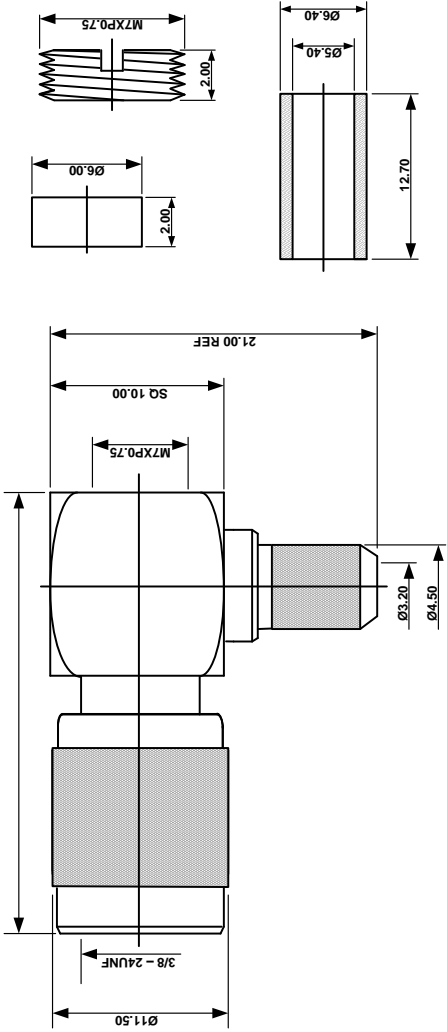


33.7 REF

NO		DESCRIPTION		MATERIAL		FINISH		QTY		SCALE		ISSUE		MM	
6	INSULATOR	DELIRIN	WHITE	1											
5	CONTACT PIN	BRASS	GOLD	1											
4	INSULATOR	DELIRIN	WHITE	1											
3	CONTACT BODY	BRASS	NICKEL	1											
2	SHELL	BRASS	NICKEL	1											
1	BODY	BRASS	NICKEL	1											

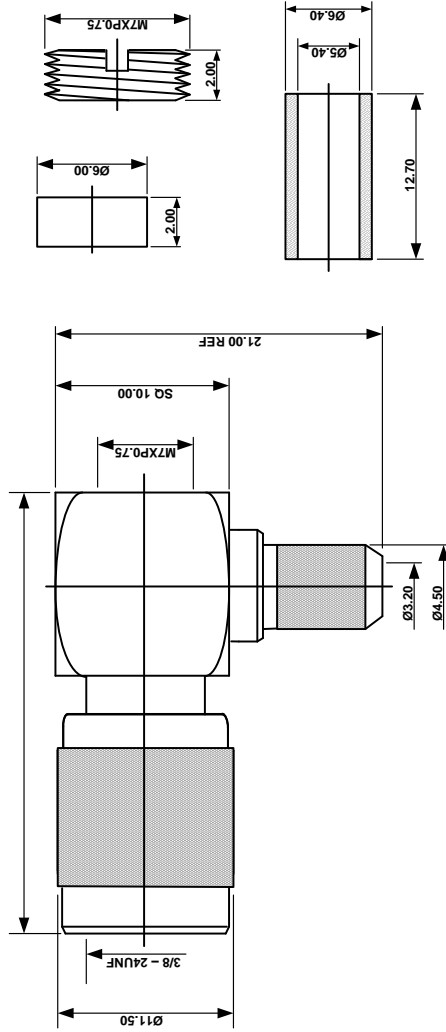
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PART NO.: V-7610	APPROVED DATE: July 03 2006
TITLE: MINI UHF MALE TO UHF FEMALE	CHECKED DATE: June 12 2006
DRAWING NO.: V-7610	DRAWN DATE: June 01 2006
FILE NO.:	

V-7623-5



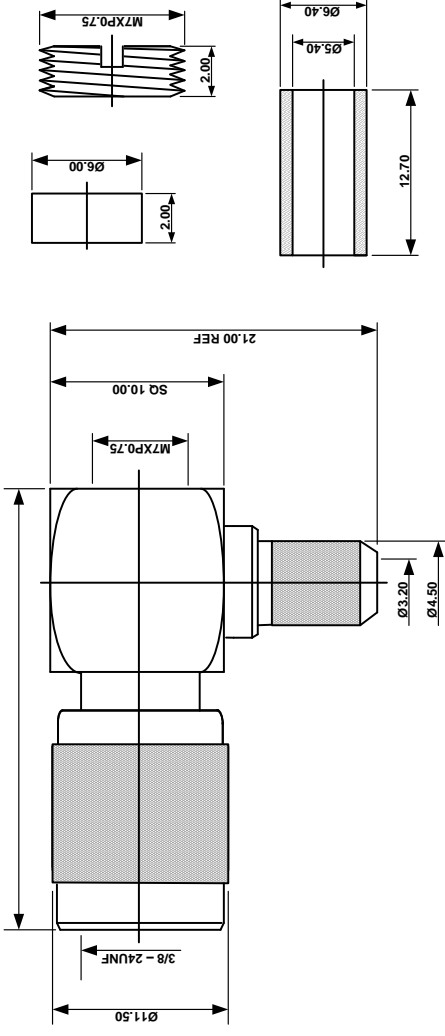
NO.	DESCRIPTION	MATERIAL	FINISH	QTY	SCALE	ISSUE	mm
9	FERRULE	NICKEL		1			
8	SHELL	BRASS	NICKEL	1			
7	NUT	BRASS	NICKEL	1			
6	SLEEVE	BRASS	NICKEL	1			
5	PRESHIFT FEMALE FID	BRASS	NICKEL	1			
4	DIELECTRIC	TEFLON	WHITE	1			
3	DIELECTRIC	TEFLON	WHITE	1			
2	PIN	BRASS	GOLD	1			
1	BODY	BRASS	WHITE	1			

VELOCITY TECHNOLOGY INDUSTRIES	
PART NO.:	V-7623-58
DIMENSION IN MILLIMETERS UNLESS OTHERWISE SPECIFIED TOLERANCES	
0.5 - 5 = ±0.2	
5.0 - 30 = ±0.4	
30.0 - 120 = ±0.6	
120.0 - 315 = ±1.0	
315.0 - 1000 = ±1.6	
1000.0 - 2000 = ±2.4	
TITLE:	RIGHT ANGLE MINI UHF MALE CRIMP FOR RG58U, 50OHM
APPROVED DATE:	September 6 2009
CHECKED DATE:	July 10 2009
DRAWING NO.:	V-7623 RG58U 50OHM
DRAWN DATE:	July 10 2009

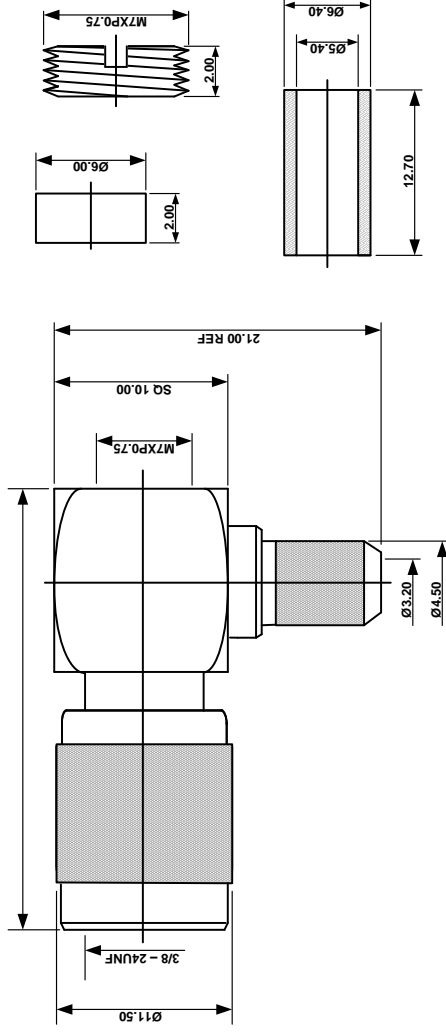


NO.	DESCRIPTION	MATERIAL	FINISH	QTY	SCALE	ISSUE	mm
9	FERRULE	NICKEL		1			
8	SHELL	BRASS	NICKEL	1			
7	NUT	BRASS	NICKEL	1			
6	SLEEVE	BRASS	NICKEL	1			
5	PRESHIFT FEMALE FID	BRASS	NICKEL	1			
4	DIELECTRIC	TEFLON	WHITE	1			
3	DIELECTRIC	TEFLON	WHITE	1			
2	PIN	BRASS	GOLD	1			
1	BODY	BRASS	WHITE	1			

VELOCITY TECHNOLOGY INDUSTRIES	
PART NO.:	V-7623-58
DIMENSION IN MILLIMETERS UNLESS OTHERWISE SPECIFIED TOLERANCES	
0.5 - 5 = ±0.2	
5.0 - 30 = ±0.4	
30.0 - 120 = ±0.6	
120.0 - 315 = ±1.0	
315.0 - 1000 = ±1.6	
1000.0 - 2000 = ±2.4	
TITLE:	RIGHT ANGLE MINI UHF MALE CRIMP FOR RG58U, 50OHM
APPROVED DATE:	September 6 2009
CHECKED DATE:	July 10 2009
DRAWING NO.:	V-7623 RG58U 50OHM
DRAWN DATE:	July 10 2009



VELOCITY TECHNOLOGY INDUSTRIES	
PART NO.: V-7623-58	
DIMENSION IN MILLIMETERS UNLESS OTHERWISE SPECIFIED TOLERANCES	
0.5 - 5 = ±0.2	
5.0 - 30 = ±0.4	
30.0 - 120 = ±0.6	
120.0 - 315 = ±1.0	
315.0 - 1000 = ±1.6	
1000.0 - 2000 = ±2.4	
NO.	DESCRIPTION
9	FERRULE
8	SHELL
7	NUT
6	SLEEVE
5	PRES-FIT FERRULE STD
4	DIELECTRIC
3	DIELECTRIC
2	PIN
1	BODY
	MATERIAL
	FINISH
	QTY
	SCALE
	ISSUE
	mm
DRAWN DATE: July 10 2009	
CHECKED DATE: July 10 2009	
APPROVED DATE: September 6 2009	
TITLE: RIGHT ANGLE MINI UHF MALE CRIMP FOR RGS8U, 50OHM	
DRAWING NO.: V-7623 RGS8U 50OHM	



VELOCITY TECHNOLOGY INDUSTRIES	
PART NO.: V-7623-58	
DIMENSION IN MILLIMETERS UNLESS OTHERWISE SPECIFIED TOLERANCES	
0.5 - 5 = ±0.2	
5.0 - 30 = ±0.4	
30.0 - 120 = ±0.6	
120.0 - 315 = ±1.0	
315.0 - 1000 = ±1.6	
1000.0 - 2000 = ±2.4	
NO.	DESCRIPTION
9	FERRULE
8	SHELL
7	NUT
6	SLEEVE
5	PRES-FIT FERRULE STD
4	DIELECTRIC
3	DIELECTRIC
2	PIN
1	BODY
	MATERIAL
	FINISH
	QTY
	SCALE
	ISSUE
	mm
DRAWN DATE: July 10 2009	
CHECKED DATE: July 10 2009	
APPROVED DATE: September 6 2009	
TITLE: RIGHT ANGLE MINI UHF MALE CRIMP FOR RGS8U, 50OHM	
DRAWING NO.: V-7623 RGS8U 50OHM	