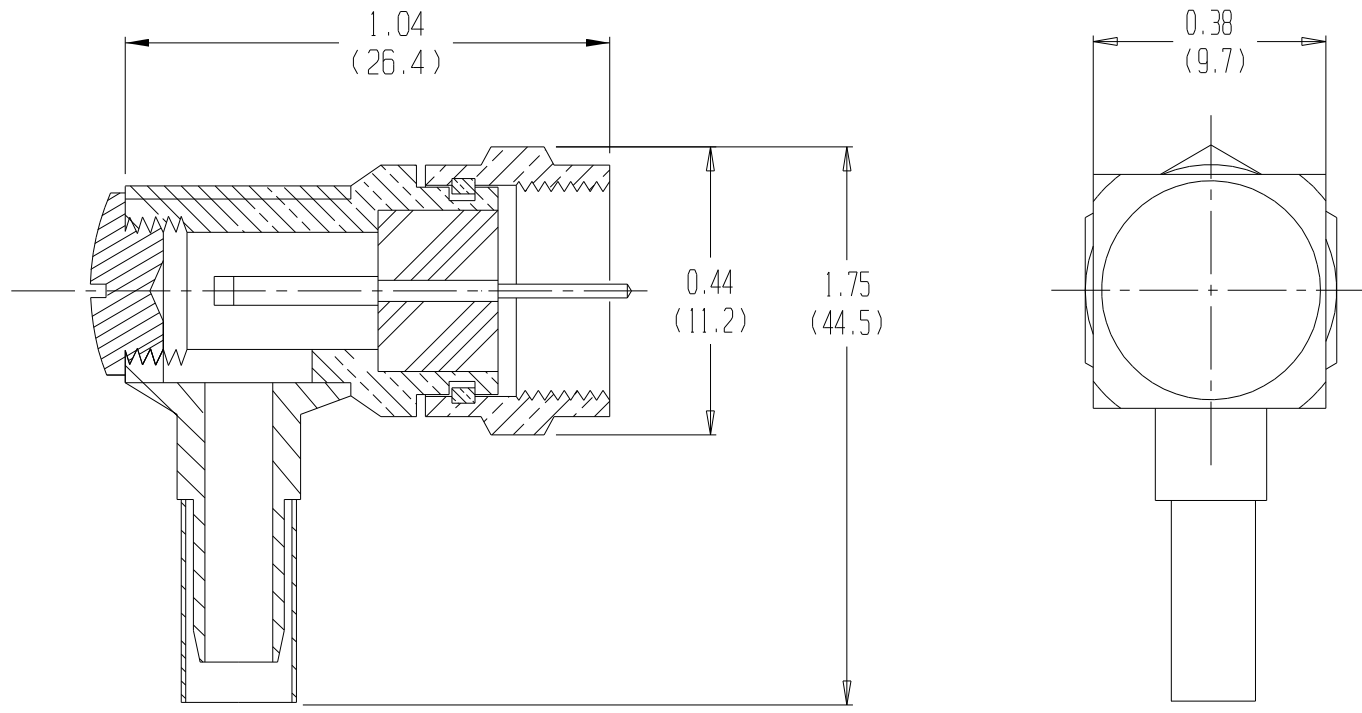


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REV	REVISION	DATE	ER #	INTL
IR	INITIAL RELEASE	02/29/2000	986	LRL
A	MODIFY STRIPPING INSTRUCTIONS	10/01/2009	10179	VML
B	CHANGE P/N OF ITEM 5, HEATSHRINK	10/29/2009	10252	VML
B01	CHANGE INSULATOR FROM 15-603-1 TO 15-469-6	03/29/2010	10701	LLP




SPECIFICATIONS:

- 1) ELECTRICAL
 - IMPEDANCE: 75 OHMS
 - FREQUENCY RANGE: 0 TO 2 GHZ
 - VOLTAGE RATING: 500 V RMS
 - DIELECTRIC WITHSTANDING VOLTAGE: 1,500 RMS
 - INSULATION RESISTANCE: 5,000 MEGOHMS MIN.
- 2) MECHANICAL
 - TERMINATION STYLE: INNER CONTACT - SOLDER/CRIMP
 - OUTER CONTACT - CRIMP
 - TEMPERATURE RANGE: -65° C TO +165° C
 - FINISHES:
 - BODY FINISH: PROPRIETARY NICKEL
 - CONTACT FINISH: GOLD PLATED PER MIL-G-45204

DESIGNED IN ACCORDANCE WITH MIL-C-39012 STANDARDS.

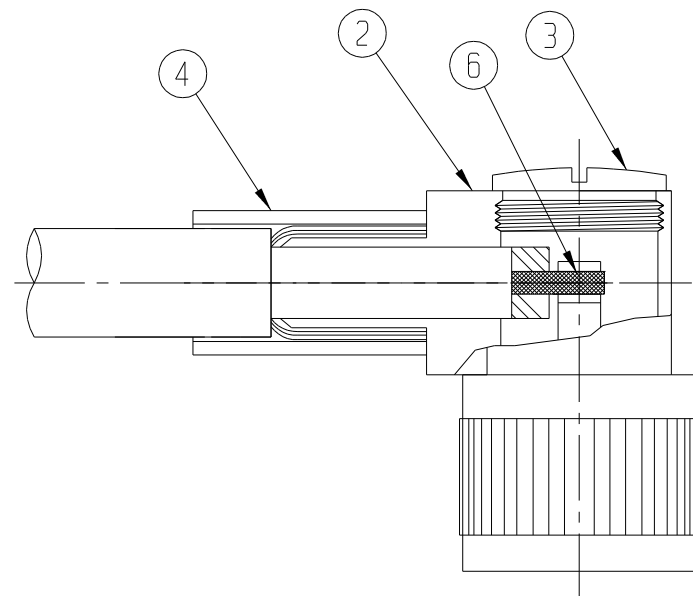
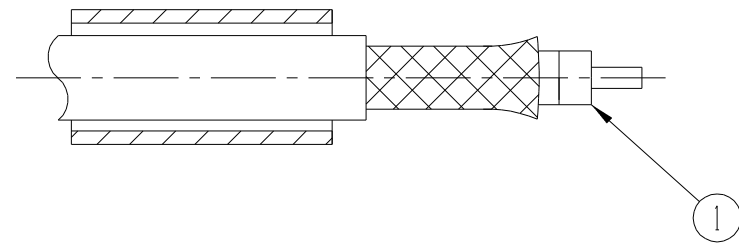
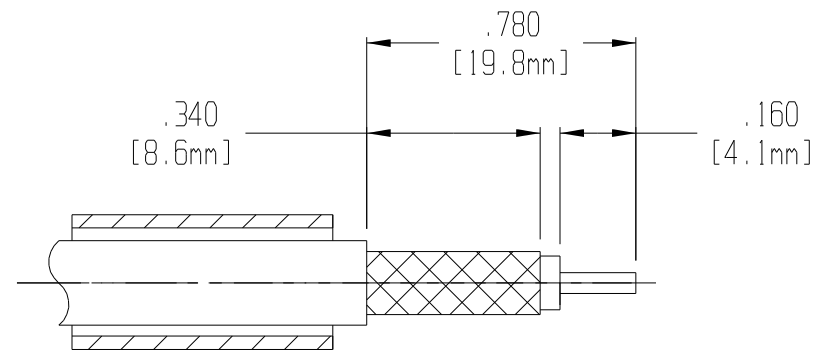
1	06-886-2	CONTACT	6
1	29-174-2	DURABLE HEATSHRINK	5
1	29-100-49	CRIMP TUBE	4
1	07-116-2	CAP	3
1	02-1268-2 / 02-745-8	BODY	2
1	15-469-6	INSULATOR	1
075-1	PART NUMBER	DESCRIPTION	ITEM
FMR#	LIST OF MATERIAL		

MATERIAL	SCALE	NONE	SIZE	B	DATE	02/29/2000	 5349 SOUTH EMMER DRIVE NEW BERLIN, WI 53151 (888) 679-6170
	FINISH	TOLERANCES UNLESS NOTED		DRAWN	L. LUGO	DESIGNED	
		.XX = ± .03	CHECKED		<i>[Signature]</i>	3/29/2010	CABLE PLUG, RIGHT ANGLE, CRIMP
		.XXX = ± .010	APPROVED		T. FORST	3/30/2010	
		ANGLES ± 1°	CAGE CODE		06WH3	DWG #	FMR175-075-1
		CAD GENERATED AND MAINTAINED DRAWING -- DO NOT SCALE	SHT		1	OF	2

FILE: FMR175-075-1.dwg

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REV	REVISION	DATE	ER #	INTL
B01	SEE SHEET ONE	03/29/2010	10701	LLP



CABLE ASSEMBLY INSTRUCTIONS: (REF: ES-105-31)

- 1.) STRIP CABLE PER DIMENSIONS. DO NOT KNICK THE BRAID OR CENTER CONDUCTOR. SLIDE CRIMP TUBE ONTO CABLE AND PUSH BACK OUT OF WAY BEFORE REMOVING MATERIALS.
- 2.) DO NOT REMOVE THE ALUMINUM MYLAR FOIL SHIELD FROM THE DIELECTRIC.
- 3.) SLIDE BLACK ADHESIVE HEAT SHRINK AND ANY OTHER LABELS OVER THE CABLE AT THIS TIME.
- 4.) FLARE END OF CABLE BRAID BY ROTATING CABLE DIELECTRIC. SLIDE CABLE INSULATOR ONTO CENTER CONDUCTOR UP AGAINST DIELECTRIC.
- 5.) SOLDER CENTER CONDUCTOR INTO SLOT IN CONTACT. DO NOT OVERHEAT AND SWELL CABLE DIELECTRIC. SEE CHART FOR RECOMMENDED SOLDER TEMPERATURES.
- 6.) SLIDE CRIMP TUBE OVER BRAID & UP AGAINST CONNECTOR BODY. CRIMP USING APPROPRIATE HEX SIZE CRIMPING TOOL. RECOMMEND USING M22520/5-01 TOOL FRAME.

CRIMP/SOLDER INFORMATION

		CRIMP TUBE		
PART NO.	CABLE TYPE	TOOL HEX DIE	HEX SIZE	SOLDER TEMPERATURE
FMR175-075-1	PFLX175-075-01	M22520/5-41	0.18	700-750 ° F (371-398 ° C)



5349 SOUTH EMMER DRIVE
NEW BERLIN, WI 53151
(888) 679-6170

SCALE	DWG #	FMR175-075-1	SHT 2 of 2
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FILE: FMR175-075-1.prt