

1. Probe tip, 8.0mm (0.31") diameter
2. Standard mount 8mm probes are supplied with a locknut
Locknut is 9/16" for 3/8-24 case threads and M17 for M10 case threads
Locknut material is 18-8 stainless steel
3. Case threads
AA=01 and 02 have 3/8-24 UNF - 2A threads
AA=03 and 04 have M10 x 1.0 - 6g threads
4. Wrench flats
5/16" for 3/8-24 case threads
8mm for M10 x 1.0 case threads
5. 75Ω coaxial cable with ethylene-tetrafluoroethylene (ETFE) jacket
2.79mm (0.110") maximum diameter
Optional cable protective armor shown (Option AA=02 and 04)
Armor is 304 stainless steel, 6.99mm (0.275") maximum diameter
Armor length is 152mm (6.0") less than cable length
Armor ferrule is 303 stainless steel, 8.89mm (0.350") maximum diameter
6. Miniature male coaxial connector, round, knurled, locking
6.86mm (0.270") maximum diameter
7. Unthreaded Length (option BBB)
8. Case Length (option CCC)
9. 6.0mm (0.235") maximum
10. Total Length (option DD), +30%, -0%
11. Fluorosilicone connector protector
11mm (0.43") maximum diameter
25mm (1.00") maximum length

MX8030 8mm PROXIMITY PROBES, STANDARD MOUNT

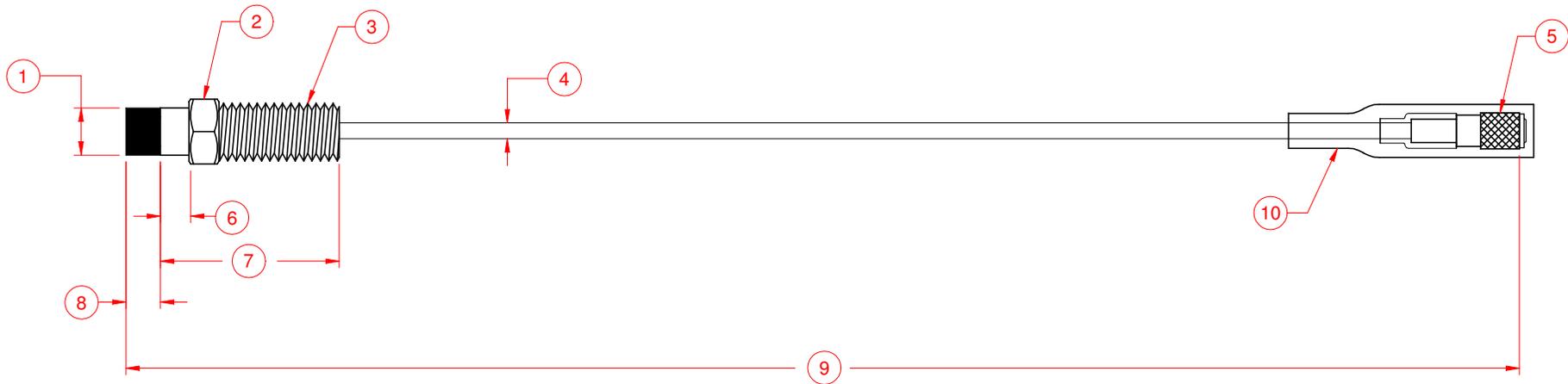
MX8030-01, 3/8-24 UNF-2A THREAD WITHOUT ARMOR

MX8030-02, 3/8-24 UNF-2A THREAD WITH ARMOR

MX8030-03, M10 X 1 THREAD WITHOUT ARMOR

MX8030-04, M10 X 1 THREAD WITH ARMOR

MATERIAL:	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. ALL CORNERS BROKEN TO .010 MIN. RADIUS AND TOLERANCES ARE:	APPROVALS	DATE	HOUSTON, TEXAS U.S.A.
FINISH:	FRACTIONS: ± 1/64 ANGLES: ± 1° SURFACE FINISH 64/	DRAWN BY: A. Wilson	11/24/15	
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		NEXT ASSY USED ON	MX8030	SCALE: 1 : 1 DOCUMENT NO: 1507625 SHEET 1 OF 4
		APPLICATION	DO NOT SCALE DRAWING	



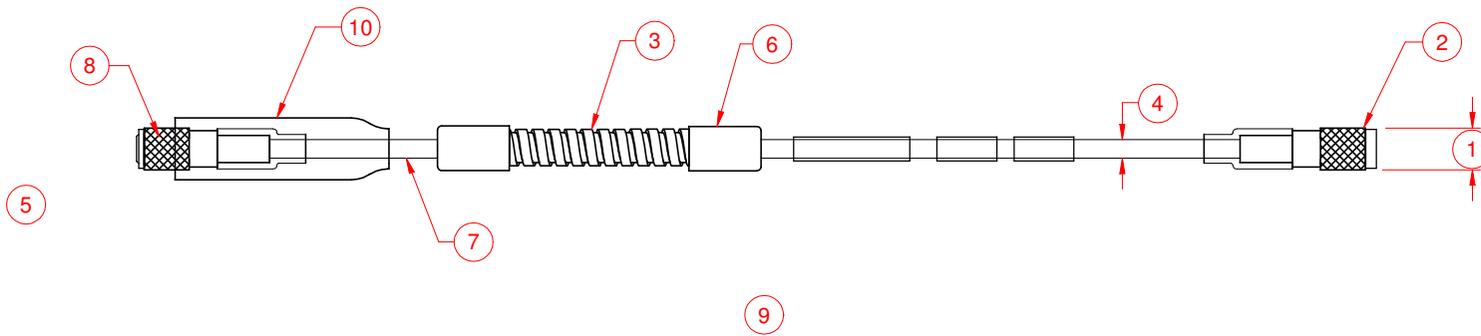
1. Probe tip, 8.0mm (0.31") diameter
2. 7/16" Hexagonal
3. Case threads
AA=05 have 3/8-24 UNF - 2A threads
AA=06 have M10 x 1.0 - 6g threads
4. 75Ω triaxial cable with ethylene-tetrafluoroethylene (ETFE) jacket
3.70mm (0.146") maximum diameter
5. Miniature male coaxial connector, round, knurled, locking
7.37mm (0.290") maximum diameter
6. Unthreaded Length (option BBB)
BBB=002 for AA=05
BBB=005 for AA=06
7. Case Length (option CCC)
CCC=012 for AA=05
CCC=030 for AA=06
8. 6.0mm (0.235") maximum
9. Total Length (option DD), +30%, -0%
10. Fluorosilicone connector protector
11mm (0.43") maximum diameter
25mm (1.00") maximum length

MX8030 8mm PROXIMITY PROBES, REVERSE MOUNT

MX8030-05, 3/8-24 UNF-2A THREAD

MX8030-06, M10 X 1 THREAD

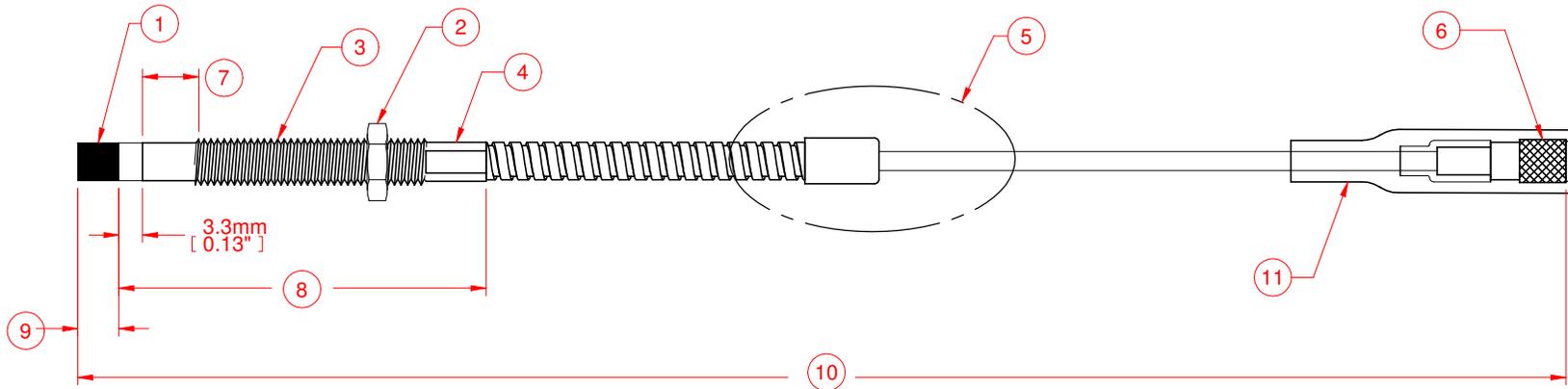
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MX8031 EXTENSION CABLE

1. 6.86mm (0.270") maximum diameter
2. Miniature male coaxial connector, round, knurled
3. Optional cable protective armor shown (Option BB=01)
Armor is 304 stainless steel, 6.99mm (0.275") maximum diameter
Armor length is 305mm (12.0") less than cable length
4. 75Ω coaxial cable, 2.79mm (0.110") maximum diameter
5. 6.86mm (0.270") maximum diameter
6. Armor ferrule is 303 stainless steel, 8.89mm (0.350") maximum diameter
7. Ethylene-tetrafluoroethylene (ETFE) insulated coaxial cable
8. Miniature female coaxial connector, round, knurled, locking
9. Total Length (option AAA), +25%, -0%
10. Fluorosilicone connector protector
11mm (0.43") maximum diameter
25mm (1.00") maximum length

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1. Probe tip, 5.0mm (0.20") diameter
2. Standard mount 5mm probes are supplied with a locknut
Locknut is 7/16" for 1/4-28 case threads and M13 for M8 case threads
Locknut material is 18-8 stainless steel
3. Case threads
AA=71 and 72 have 1/4-28 UNF - 2A threads
AA=73 and 74 have M8 x 1.0 - 6g threads
4. Wrench flats
7/32" for 1/4-28 case threads
7mm for M8 x 1.0 case threads
5. 75Ω coaxial cable with ethylene-tetrafluoroethylene (ETFE) jacket
2.79mm (0.110") maximum outside diameter
Optional cable protective armor shown (Option AA=02 and 04)
Armor is 304 stainless steel, 6.99mm (0.275") maximum diameter
Armor length is 152mm (6.0") less than cable length
Armor ferrule is 303 stainless steel, 8.89mm (0.350") maximum diameter
6. Miniature male coaxial connector, round, knurled, locking
6.86mm (0.270") maximum diameter
7. Unthreaded Length (option BBB)
8. Case Length (option CCC)
9. 6.0mm (0.235") maximum
10. Total Length (option DD), +30%, -0%
11. Fluorosilicone connector protector
11mm (0.43") maximum diameter
25mm (1.00") maximum length

MX8030 5mm PROXIMITY PROBES, STANDARD MOUNT

MX8030-71, 1/4-28 UNF-2A THREAD WITHOUT ARMOR

MX8030-72, 1/4-28 UNF-2A THREAD WITH ARMOR

MX8030-73, M8 X 1 THREAD WITHOUT ARMOR

MX8030-74, M8 X 1 THREAD WITH ARMOR

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