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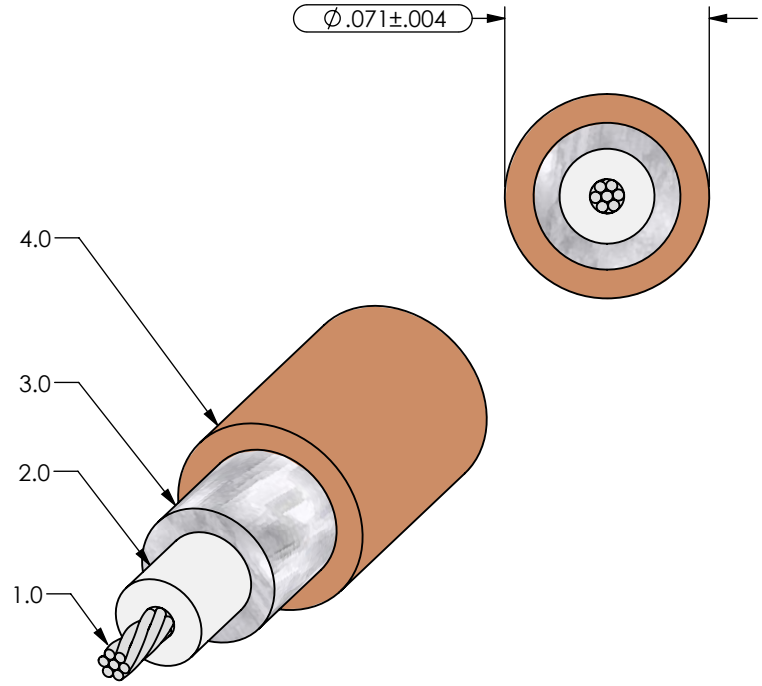
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REV	DESCRIPTION	DATE	INITIAL
A	ECO # 110066	8/3/11	JKS
B	ECO # 120049	8/23/13	JKS

SPECIFICATIONS

- 1.0 SIGNAL CONDUCTOR:
 SIZE: 30 AWG
 MATERIAL: SCCCS
 CONSTRUCTION: 7 X 38
 OD: .012" ± .001
 - 2.0 INSULATION:
 MATERIAL: PTFE
 WALL THICKNESS: .0105"
 OD: .033" ± .002
 - 3.0 SHIELD:
 SIZE: 38 AWG
 MATERIAL: SPC
 COVERAGE: 95.9% (NOM)
 OD: .054" max.
 - 4.0 JACKET:
 MATERIAL: FEP
 WALL THICKNESS: .010 (NOM)
 OD: .071" ± .004
 COLOR: TINTED BROWN
 - 5.0 ELECTRICAL CHARACTERISTICS:
 IMPEDANCE: 50 ohms ±2 ohms
 CAPACITANCE: 32 pF/ft max
 VELOCITY OF PROPAGATION: 69.5% (NOM)
 DIELECTRIC WITHSTANDING VOLTAGE: 2000V RMS
- ATTENUATION(MAX):
 100MHz: 16 dB/100 ft
 400MHz: 33 dB/100 ft
 1 GHz : 52 dB/100 ft
- 6.0 TEMPERATURE OPERATING RANGE: -55°C TO +200°C
- SPECIAL NOTES: SPOOL OD: 12" MAX
 SPOOL WIDTH: 9" MAX
 SPINDLE DIA: 1-1/2" ± .25"

JOY SIGNAL CATALOG CODE: 09



ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	QTY REQD		
PARTS LIST						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		 COAX,50 OHM,30AWG, RG178 FEP JACKET, PTFE INSULATION				
FRACTIONS DECIMALS ANGLES					CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	
.XX : ±.01					APPROVALS DATE	
.XXX : ±.005					DRAWN JKS 8/3/11	
MATERIAL	SEE NOTES	CHECKED	RESP ENG			
FINISH	--		MFG ENG			
NEXT ASSY	USED ON	QUAL ENG				
APPLICATION		DO NOT SCALE DRAWING				
SIZE A	DWG. NO.	790001		REV. B		
SCALE	CAD FILE:	790001	SHEET 1	OF 1		