

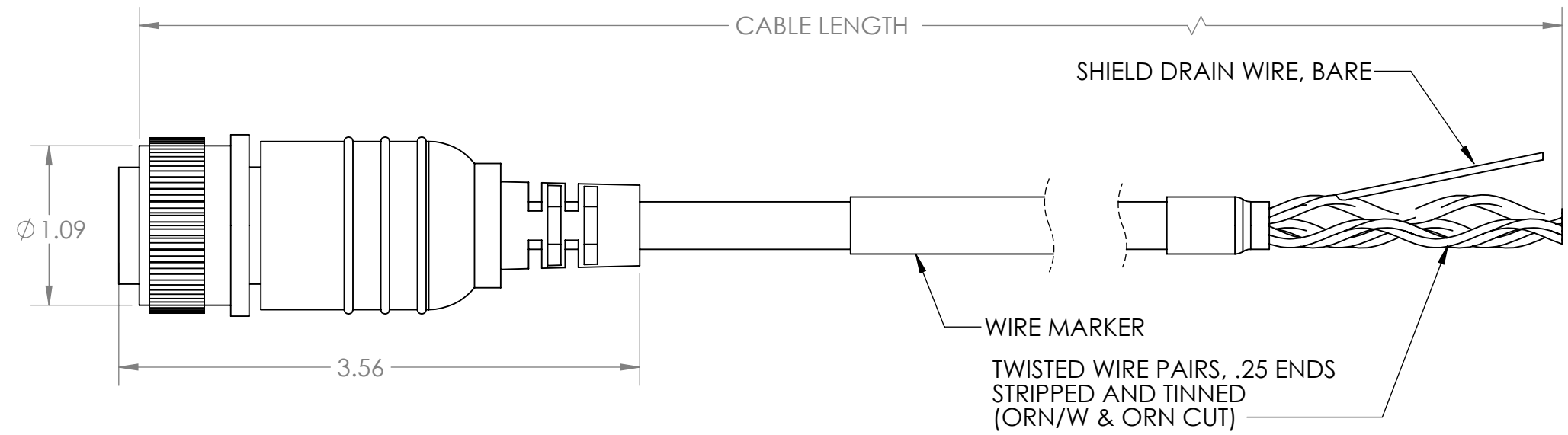
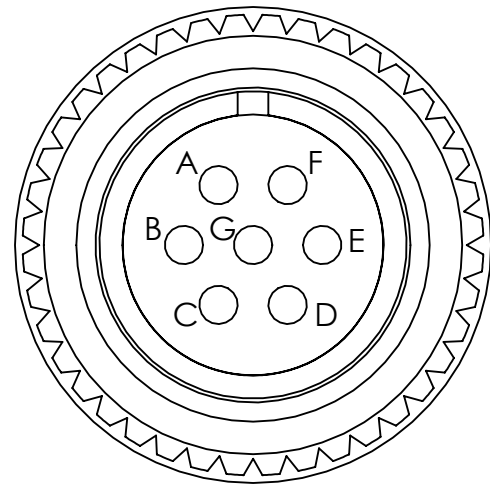
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ZONE	REV.	REVISION DESCRIPTION	ECN NO.	DATE



TWISTED PAIR	COLOR	PIN	WIRE GAGE
PAIR 1	YELLOW	A	AWG 24
	W/YELLOW	C	
PAIR 2	BLUE	B	
	W/BLUE	E	
PAIR 4	RED	D	AWG 22
	BLACK	F	
-	N/C	G	-

PART NO.	CABLE LENGTH +5%/-0
31186-1610	10 FT
31186-1620	20 FT
31186-1630	30 FT
31186-1650	50 FT

APPLICATION NOTES;  
 1. FOR USE WITH SINGLE ENDED OUTPUT ENCODERS (AB, ABZ), AND DIFFERENTIAL OUTPUT ENCODERS WITH NO INDEX (ABC).  
 2. CABLE SHIELD IS NOT CONNECTED AT CONNECTOR. SHIELD CONNECTION MAY BE REQUIRED AT CONTROLLER END FOR SAFETY AND NOISE IMMUNITY.

NOTES (UNLESS OTHERWISE INDICATED)

- MAT'L: MS3106F16S-1S INLINE PLUG (OR EQUIV.), 37048-003 CABLE, BLACK POLYURETHANE OVERMOLD
- OPERATING TEMP -40 TO +80°C
- STANDARD BEI (SENSATA), PINOUT/WIRE COLOR

<b>UNCONTROLLED COPY</b>		BEI SENSORS 1461 LAWRENCE DRIVE THOUSAND OAKS, CA 93120	
FIRST ISSUE DATE: 04/04/19 DRAWN: DRC APPROVED: MFB DATE: 04/04/19	SENSATA TECHNOLOGIES PROPRIETARY AND CONFIDENTIAL. NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES.		TITLE <h3 style="text-align: center;">M16 CONNECTOR AND CABLE ASSEMBLY</h3>
ECN: DATE: MATERIAL:	INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5-2009. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES[MILLIMETERS] AND ARE INTENDED AS NOMINAL SEE PRODUCT SPECIFICATIONS FOR MORE DETAILS.		SIZE <b>B</b>
DO NOT SCALE DRAWING THIRD ANGLE PROJECTION			DWG NO. <h2 style="text-align: center;">09911-002</h2>
SCALE 1:1		SOLIDWORKS	SHEET 1 OF 1

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DEVICE:

PROJECT: