

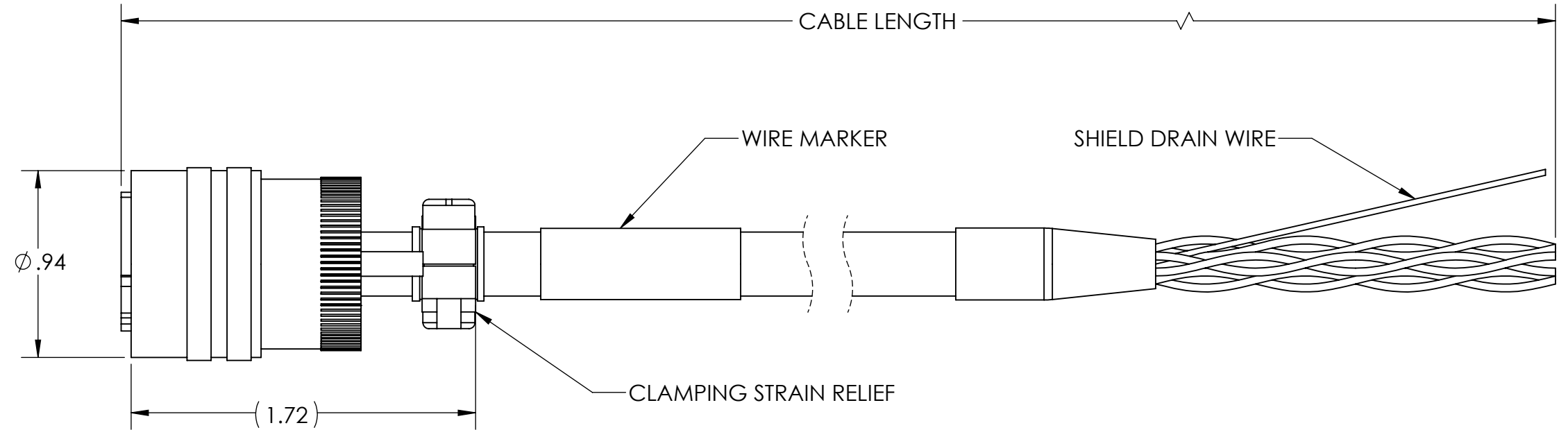
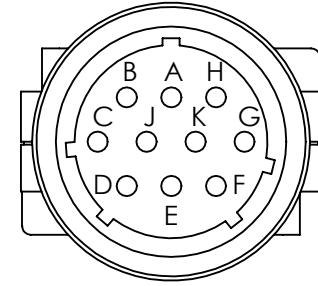
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ZONE	REV.	REVISION DESCRIPTION	ECN NO.	DATE
	.	.	.	.



PART NO.	CABLE LENGTH +5%/-0
31186-1210	10 FT
31186-1220	20 FT
31186-1230	30 FT.
31186-1250	50 FT.
31186-1275	75 FT
31186-12100	100FT
31186-12150	150 FT


TWISTED PAIR	COLOR	PIN	WIRE GAGE
PAIR 1	YELLOW	A	AWG 24
	WHT/YELLOW	H	
PAIR 2	BLUE	B	
	WHT/BLUE	J	
PAIR 3	ORANGE	C	AWG 22
	WHT/ORN	K	
PAIR 4	RED	D	
	BLACK	F	

APPLICATION NOTES:

- FOR USE WITH DIFFERENTIAL LINE DRIVER ENCODERS OR THOSE WITH COMPLIMENTARY OUTPUTS, M12 CONNECTOR.
- 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: MS3116F12-10S, 37048-003 CABLE (PVC JACKET)
- 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: 05/07/19	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.	<b>TITLE</b> M12 CONNECTOR AND CABLE ASSEMBLY			
DRAWN: DRC		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>	DWG NO. <b>09911-004</b>	REV. .
APPROVED: MFB			DO NOT SCALE DRAWING	THIRD ANGLE PROJECTION	SCALE 1:2
DATE: 05/07/19					
ECN:					
DATE:					
MATERIAL:					

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DEVICE:

PROJECT: