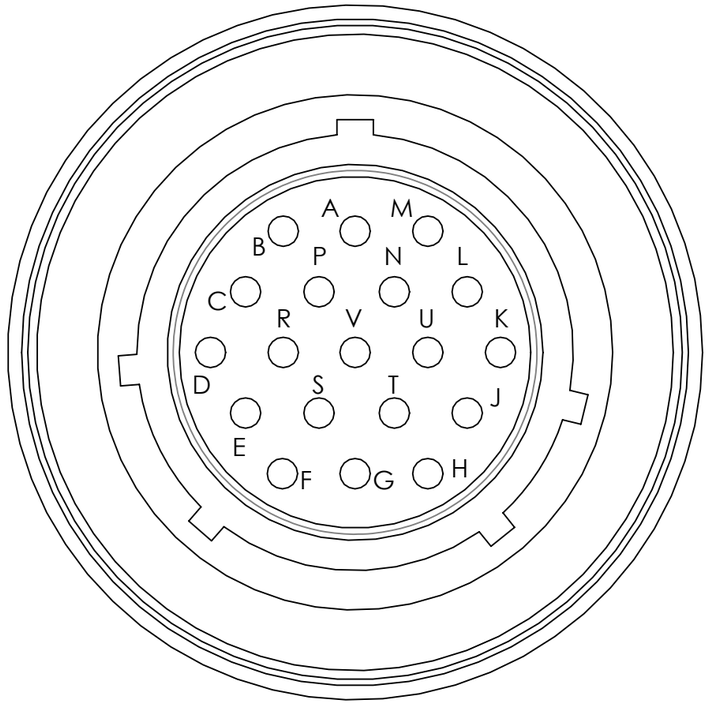
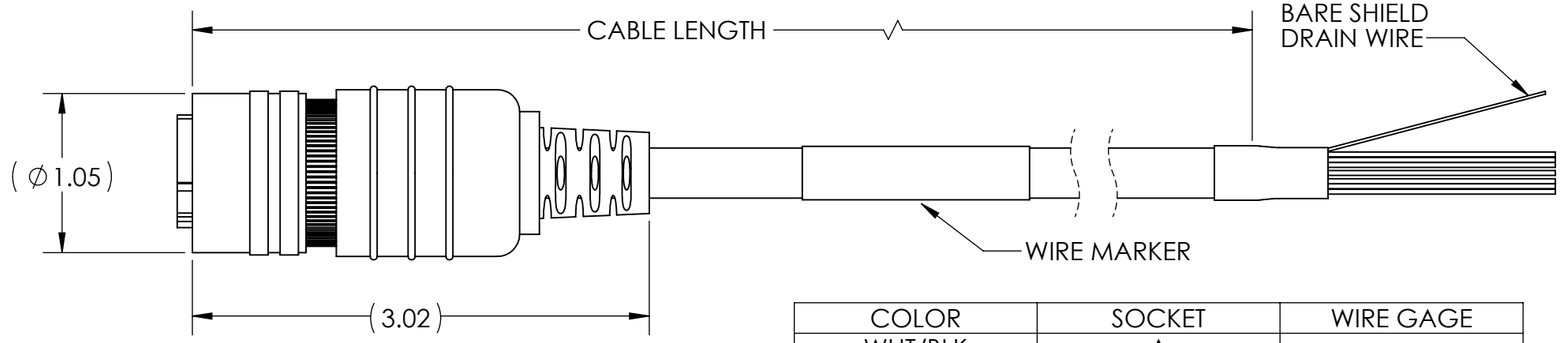
| ZONE | REV. | REVISION DESCRIPTION | ECN NO. | DATE |
|---|---|---|---|---|
| | . | . | . | . |




| COLOR | SOCKET | WIRE GAGE |
|---|---|---|
| WHT/BLK | A | AWG 26 |
| WHT/BRN | B | |
| WHT/RED | C | |
| WHT/ORN | D | |
| WHT/YEL | E | |
| WHT/GRN | F | |
| WHT/BLU | G | |
| WHT/VIO | H | |
| WHT/GRY | J | |
| WHT | K | |
| GRY/BLK | L | |
| GRY/BRN | M | |
| GRY/RED | N | |
| GRY/ORN | P | |
| ORANGE | R | |
| GREEN | S | |
| BLACK | T | AWG 22 |
| YELLOW | U | AWG 26 |
| RED | V | AWG 22 |

| PART NO. | CABLE LENGTH +5%/-0 |
|---|---|
| 31219-1410 | 10FT |
| 31219-1420 | 20 FT |
| 31219-1430 | 30 FT |
| 31219-1450 | 50 FT |

NOTES (UNLESS OTHERWISE INDICATED):

1. MAT'L: MS3116J14-19S
   37063 CABLE (PVC JACKET)
   BLACK POLYURETHANE OVERMOLD
2. OPERATING TEMP -40 TO +80°C
3. STANDARD BEI (SENSATA) PINOUT/WIRE COLOR

APPLICATION NOTES;
1. FOR USE WITH ABSOLUTE ENCODERS WITH GRAY CODE OR NATURAL BINARY PARALLEL OUTPUTS
2. SHIELD DRAIN IS NOT CONNECTED AT CONNECTOR. SHIELD CONNECTION MAY BE REQUIRED AT CONTROLLER END FOR SAFETY AND NOISE IMMUNITY.

UNCONTROLLED COPY

FIRST ISSUE DATE: 05/07/19
DRAWN: DRC
APPROVED: MFB
DATE: 05/06/19

ECN:
DATE:

MATERIAL: NOTED

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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.

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION

Sensata Technologies
BEI SENSORS
1461 LAWRENCE DRIVE
THOUSAND OAKS, CA 93120

TITLE
M14/19 CONNECTOR AND CABLE ASSEMBLY, ABSOLUTE PARALLEL OUTPUTS

| SIZE | DWG NO. | REV. |
|---|---|---|
| B | 09911-005 | . |

SCALE 1:2 | SOLIDWORKS | SHEET 1 OF 1

DEVICE:

PROJECT: