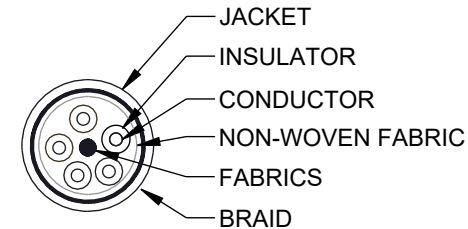
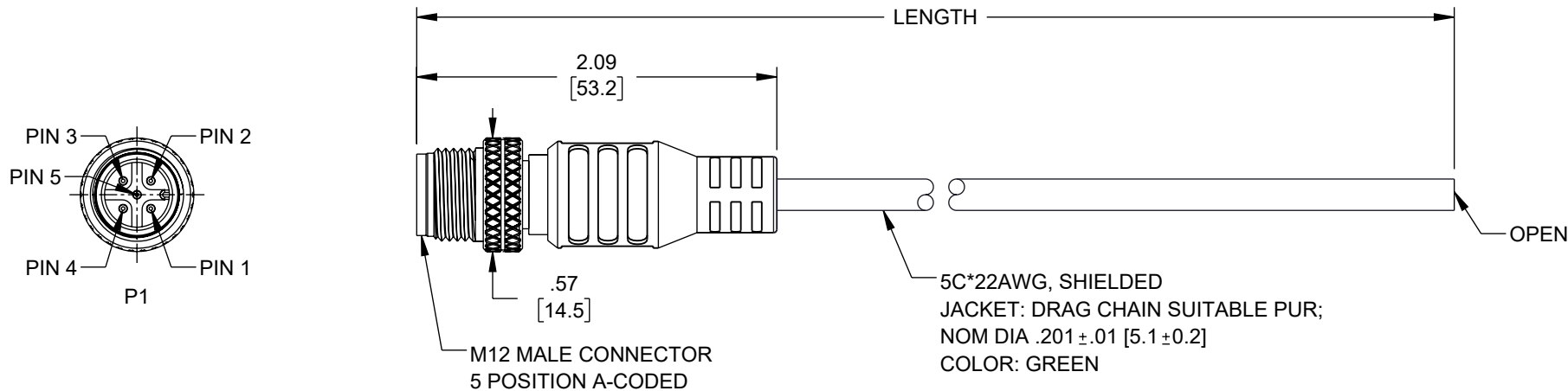


| REVISION | | | | | |
|----------|-----|-----------------------|------------|------------|----------|
| ZONE | REV | DESCRIPTION | DATE | CHANGED BY | APPROVED |
| | B | UPDATED PER ECO-13673 | 06/25/2024 | HBAKKE | DGUST |



NOTES:

ELECTRICAL:

- NOMINAL VOLTAGE: 300 V.
- OPERATING VOLTAGE: 60 V DC/AC MAX.
- OPERATING CURRENT PER CONTACT: 4 A MAX.

APPLICATION:

- INGRESS PROTECTION RATING IS IP67 (MATED)
- RECOMMENDED TORQUE VALUE: 0.6 Nm
- BEND RADIUS FIXED: 40.8 mm MIN.
- BEND RADIUS MOBILE: 76.5 mm MIN.

ENVIRONMENTAL:

- TEMPERATURE RANGE FIXED: -25°C TO +80°C
- TEMPERATURE RANGE MOBILE: -25°C TO +70°C
- CABLE JACKET RESISTANCE: OIL
- CABLE JACKET FLAME RATING: HB (UL 94).

MISCELLANEOUS

- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENTLY RELEASED VERSION).

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| P1 | WIRE MAP | OPEN |
|-------|----------|-------|
| BROWN | 1 | BROWN |
| WHITE | 2 | WHITE |
| BLUE | 3 | BLUE |
| BLACK | 4 | BLACK |
| GRAY | 5 | GRAY |
| S | | S |

| ITEM NO | LENGTH [TOL.] | |
|------------------|---------------|--------------------|
| | METERS [mm] | FEET [IN] |
| M12A504S-P2N-05M | 0.5 [+35/-15] | 1.64 [+1.38/- .59] |
| M12A504S-P2N-1M | 1 [+35/-20] | 3.28 [+1.38/- .79] |
| M12A504S-P2N-2M | 2 [+35/-30] | 6.56 [+1.38/-1.18] |
| M12A504S-P2N-3M | 3 [+35/-30] | 9.84 [+1.38/-1.18] |
| M12A504S-P2N-5M | 5 [±60] | 16.40 [±2.36] |
| M12A504S-P2N-10M | 10 [±80] | 32.81 [±3.15] |
| M12A504S-P2N-15M | 15 [±80] | 49.21 [±3.15] |

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

| | |
|---------------------|------------------|
| X = ±.2 [5] | FRACTIONS ± 1/32 |
| .XX = ±.02 [0.5] | ANGLES ± 1° |
| .XXX = ±.005 [0.13] | |

CABLE LENGTH TOLERANCES:

| | |
|--------------------------|-----------------|
| ≤12 [305] | = +1 [25] / -0 |
| >12 [305] ≤ 60 [1524] | = +2 [51] / -0 |
| >60 [1524] ≤ 120 [3048] | = +4 [102] / -0 |
| >120 [3048] ≤ 300 [7620] | = +6 [152] / -0 |
| >300 [7620] | = +5% / -0 |

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UN-DIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

| | |
|-------|--------|
| SCALE | SHEET |
| NONE | 1 OF 1 |

DESCRIPTION

M12 5 POLE A CODE, 22AWG, SHD PUR, MO, GRN

| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV |
|------|-----------|----------|--------------|-----|
| A | 3SVT8 | KGLEBOVA | M12A504S-P2N | B |