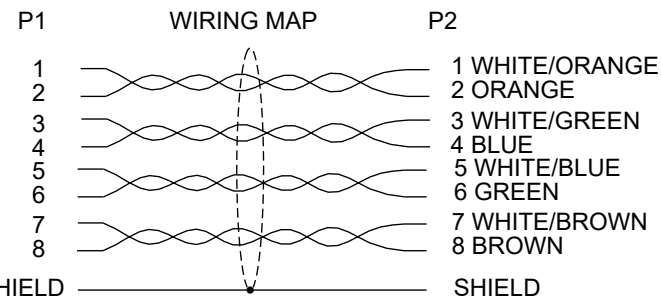
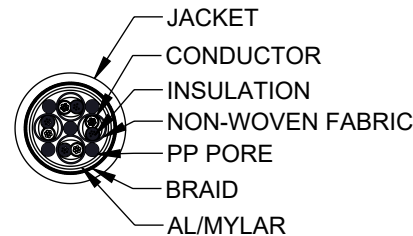
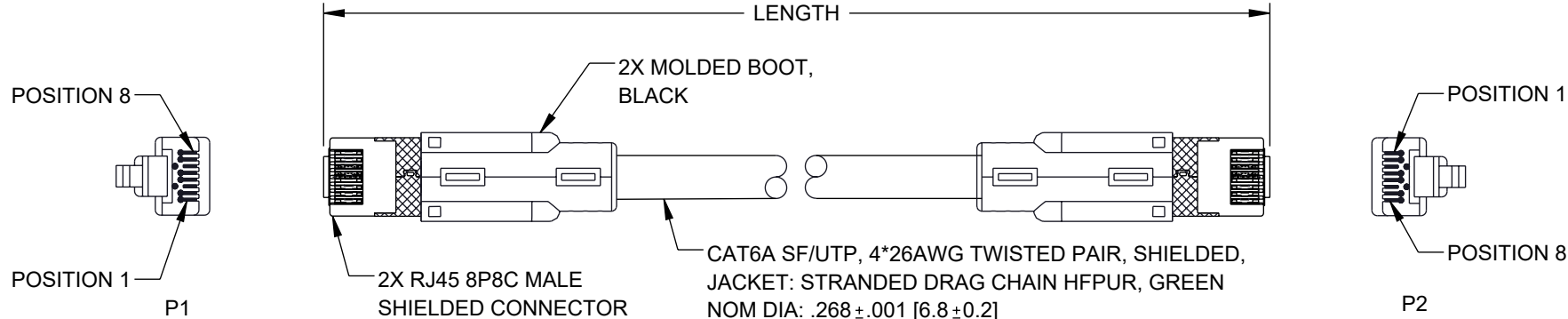


| REVISION | | | | | |
|----------|-----|-----------------------|------------|------------|----------|
| ZONE | REV | DESCRIPTION | DATE | CHANGED BY | APPROVED |
| | B | UPDATED PER ECO-13673 | 06/25/2024 | HBAKKE | DGUST |



NOTES:

PHYSICAL:

- CONDUCTOR TYPE: 26AWG, STRANDED BC.
- INSULATION: HDPE.
- CONDUCTOR DIA: 0.98±0.05mm.
- CONNECTOR: 50U" GOLD PLATED.
- MINIMUM AVERAGE CABLE THICKNESS: 0.8 mm.
- CONNECTOR MATERIAL: PC.
- CONTACT MATERIAL: COPPER ALLOY, GOLD PLATING - 50µm.

ELECTRICAL:

- BANDWIDTH: 5000 MHz.
- NOMINAL VOLTAGE RATING: 30 V.
- RESISTANCE: 7.89Ω/100m (MAXIMUM).
- IMPEDANCE: 100Ω.
- CAPACITANCE: 5600pf/100m.
- PROPAGATION DELAY: 545ns/100m (MAXIMUM).
- DELAY SKEW: 45ns/100m (MAXIMUM).
- PASS FLUKE DSX 8000 CHANNEL TEST.

ENVIRONMENTAL:

- INSTALLATION TEMPERATURE RANGE: 0°C TO ~50°C
- OPERATING TEMPERATURE RANGE: -40°C TO ~80°C

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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| ITEM NO | LENGTH [TOL.] | |
|--------------|---------------|--------------------|
| | METERS [mm] | FEET [IN] |
| TRGPC601-05M | 0.5 [+35/-15] | 1.64 [+1.38/- .59] |
| TRGPC601-1M | 1 [+35/-20] | 3.28 [+1.38/- .79] |
| TRGPC601-2M | 2 [+35/-30] | 6.56 [+1.38/-1.18] |
| TRGPC601-3M | 3 [+35/-30] | 9.84 [+1.38/-1.18] |
| TRGPC601-5M | 5 [±60] | 16.40 [±2.36] |
| TRGPC601-10M | 10 [±80] | 32.81 [±3.15] |

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

TOLERANCES:

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

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 | | | | |
| PROFINET C6a 4P RJ45 SF/UTP 26STR PUR GRN | | | | |
| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV |
| A | 43321 | KGLEBOVA | TRGPC601 | B |