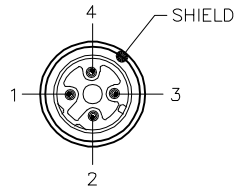
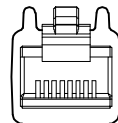
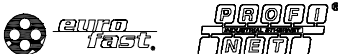



| MALE END VIEW | | RJ45S END VIEW | SPECIFICATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|---|---|--|-------------------------------------|---------------------|---------------------------------|-----------|-------------------------------|-------------|-------------------------------------|-----------|---------------------------------|-----------|-------------------------------|------------|------------------------------------|--------------|-------------------|-------|-------------------|---------------|-----------------------------------|------------------|-------------------------------|------|----------------------------|----------------------------|-----------|------------------------------------|-------------------|----------------------------------|------------------|------|
|  | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>1 = YELLOW (+TD) 2 = WHITE (+RD) 3 = ORANGE (-TD) 4 = BLUE (-RD)</p>  | | <p>12345678</p> <p>1 = YELLOW (+TD) 2 = ORANGE (-TD) 3 = WHITE (+RD) 4 = N/C 5 = N/C 6 = BLUE (-RD) 7 = N/C 8 = N/C</p>  | <table><tr><td>CONTACT CARRIER MATERIAL/COLOR (P2)</td><td>POLYCARBONATE/CLEAR</td></tr><tr><td>MOLDED HEAD MATERIAL/COLOR (P2)</td><td>TPU/BLACK</td></tr><tr><td>CONTACT MATERIAL/PLATING (P2)</td><td>BRONZE/GOLD</td></tr><tr><td>CONTACT CARRIER MATERIAL/COLOR (P1)</td><td>TPU/BLACK</td></tr><tr><td>MOLDED HEAD MATERIAL/COLOR (P1)</td><td>TPU/BLACK</td></tr><tr><td>CONTACT MATERIAL/PLATING (P1)</td><td>BRASS/GOLD</td></tr><tr><td>COUPLING NUT MATERIAL/PLATING (P1)</td><td>BRASS/NICKEL</td></tr><tr><td>RATED CURRENT [A]</td><td>1.5 A</td></tr><tr><td>RATED VOLTAGE [V]</td><td>30 VAC/42 VDC</td></tr><tr><td>OUTER CABLE JACKET MATERIAL/COLOR</td><td>TPE/BRIGHT GREEN</td></tr><tr><td>CONDUCTOR INSULATION MATERIAL</td><td>HDPE</td></tr><tr><td>NUMBER OF CONDUCTORS [AWG]</td><td>4x22 AWG, STRANDED, CAT 5E</td></tr><tr><td>SHIELDING</td><td>ALUM.-POLYESTER FOIL & T-C BRAIDED</td></tr><tr><td>TEMPERATURE RANGE</td><td>-40°C to +80°C (-40°F to +176°F)</td></tr><tr><td>PROTECTION CLASS</td><td>IP20</td></tr></table> | | CONTACT CARRIER MATERIAL/COLOR (P2) | POLYCARBONATE/CLEAR | MOLDED HEAD MATERIAL/COLOR (P2) | TPU/BLACK | CONTACT MATERIAL/PLATING (P2) | BRONZE/GOLD | CONTACT CARRIER MATERIAL/COLOR (P1) | TPU/BLACK | MOLDED HEAD MATERIAL/COLOR (P1) | TPU/BLACK | CONTACT MATERIAL/PLATING (P1) | BRASS/GOLD | COUPLING NUT MATERIAL/PLATING (P1) | BRASS/NICKEL | RATED CURRENT [A] | 1.5 A | RATED VOLTAGE [V] | 30 VAC/42 VDC | OUTER CABLE JACKET MATERIAL/COLOR | TPE/BRIGHT GREEN | CONDUCTOR INSULATION MATERIAL | HDPE | NUMBER OF CONDUCTORS [AWG] | 4x22 AWG, STRANDED, CAT 5E | SHIELDING | ALUM.-POLYESTER FOIL & T-C BRAIDED | TEMPERATURE RANGE | -40°C to +80°C (-40°F to +176°F) | PROTECTION CLASS | IP20 |
| CONTACT CARRIER MATERIAL/COLOR (P2) | POLYCARBONATE/CLEAR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOLDED HEAD MATERIAL/COLOR (P2) | TPU/BLACK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONTACT MATERIAL/PLATING (P2) | BRONZE/GOLD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONTACT CARRIER MATERIAL/COLOR (P1) | TPU/BLACK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOLDED HEAD MATERIAL/COLOR (P1) | TPU/BLACK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONTACT MATERIAL/PLATING (P1) | BRASS/GOLD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COUPLING NUT MATERIAL/PLATING (P1) | BRASS/NICKEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RATED CURRENT [A] | 1.5 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RATED VOLTAGE [V] | 30 VAC/42 VDC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OUTER CABLE JACKET MATERIAL/COLOR | TPE/BRIGHT GREEN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONDUCTOR INSULATION MATERIAL | HDPE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NUMBER OF CONDUCTORS [AWG] | 4x22 AWG, STRANDED, CAT 5E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHIELDING | ALUM.-POLYESTER FOIL & T-C BRAIDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TEMPERATURE RANGE | -40°C to +80°C (-40°F to +176°F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROTECTION CLASS | IP20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

The diagram shows a cable assembly with the following dimensions and labels:

- Overall length: * METERS SEE NOTE 1
- Distance from P1 to the end of the shielded section: 55.2 [2.17]
- Distance from the end of the shielded section to the RJ45S connector: 38.0 [1.50] REF
- Outer diameter of the cable: $\varnothing 15.0$ [0.59]
- Inner diameter of the shielded section: $\varnothing 7.9$ [0.31]
- Labels: P1, SHIELDED AND ANTI-VIBRATION COUPLING NUT, P2, SHIELD CONNECTED TO RJ45S CONNECTOR
- Dimensions of the RJ45S connector: 15.0 [0.59] REF (height), 14.0 [0.55] REF (width)

| CABLE LENGTH | TOLERANCE* |
|------------------------------|---|
| ALL LENGTHS | + 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER |
| STRIP LENGTH | TOLERANCE* |
| 0-7mm | ±0.5mm |
| 8-29mm | ±1.0mm |
| 30-49mm | ±2.0mm |
| 50-69mm | ±3.0mm |
| 70-100mm | ±4.0mm |
| OVER 100mm | ±5.0mm |
| * UNLESS OTHERWISE SPECIFIED | |

NOTES:

- "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.
- "/C1195" DESIGNATES PERFORMANCE TESTING USING A FLUKE CABLE ANALYZER. TEST RESULT INCLUDED IN PACKAGING.

SOURCE DRAWING - FOR REFERENCE ONLY

| | | | | | | | |
|----------------------|--|---|--|--|--|--|--|
| RELATED DOCUMENTS | | 3RD ANGLE PROJECTION | | THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. | | 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us | |
| 1. 2. 3. 4. | | | | DRFT RDS | | DATE 06/28/12 | |
| MATERIAL | | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY | | APVD E.S. | | SCALE 1=1.0 | |
| FINISH | | CONTACT TURCK FOR MORE INFORMATION | | UNIT OF MEASUREMENT MILLIMETER [INCH] | | DESCRIPTION RSSD RJ45S 420-*M/C1195 | |
| F | | UPDATE RATED VOLTAGE | | NF | | 02/06/24 | |
| REV | | DESCRIPTION | | BY | | DATE | |
| | | | | | | ECO NO. | |
| | | | | | | DO NOT SCALE THIS DRAWING | |
| | | | | | | FILE: 777029375 | |
| | | | | | | SHEET 1 OF 1 | |