

Customer Specification

PART NO. 22RC3S06

Construction

| | | | | Diameters (In) | |
|-------------------|-------|-------------------------------------|------------|--------------------|--------------|
| 1) Component 1 | | 3 X 1 COND | | | |
| a) Conductor | | 22 (19/34) AWG SPC | | 0.032 | |
| b) Insulation | | 0.009" Wall, Nom. PTFE | | 0.050 | |
| (1) Color(s) | | | | | |
| Cond | Color | Cond | Color | Cond | Color |
| 1 | WHITE | 2 | WHITE/BLUE | 3 | WHITE/ORANGE |
| 2) Cable Assembly | | 3 Components Cabled | | | |
| a) Twists: | | 8.0 Twists/foot (min) | | | |
| 3) Shield | | SPC BRAID Shield,85% Coverage, Min. | | | |
| 4) Jacket | | 0.010" Wall, Nom.,PTFE Tape | | 0.146 (0.154 Max.) | |
| a) Color(s) | | WHITE | | | |

Applicable Specifications

| | | |
|----------------|----------------------|--|
| 1) Other | | |
| a) Component 1 | SAE-AS22759/11 | |
| b) Overall | NEMA WC27500 Type RC | |

Environmental

| | |
|-----------------------------------|--|
| 1) EU Directive 2002/95/EC(RoHS): | |
| | All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for compliance Date of Manufacture. |

Properties

| Physical &Mechanical Properties | |
|---|---|
| 1) Temperature Range | -55 to 200°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 17.8 Lbs, Maximum |
| Electrical Properties (For Engineering purposes only) | |
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Capacitance | 24.1 pf/ft @1 kHz, Nominal Conductor to Conductor |
| 3) Ground Capacitance | 43 pf/ft @1 kHz, Nominal |
| 4) Inductance | 0.17 µH/ft, Nominal |
| 5) Conductor DCR | 14.1 /1000ft @20°C, Nominal |

Other

| | |
|------------------------|--|
| 1) Packaging | |
| a) 100 FT | |
| b) Bulk(Made-to-order) | |

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RoHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number:22RC3S06

22RC3S06 , RoHS-Compliant Commencing With7/1/2005Production

*This document certifies that the Alpha part numbers cited above are manufactured in accordance with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003, better known as the RoHS Directives, with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. The reader is referred to these Directives for the specific definitions and extents of these Directives. **No Exemptions are required for RoHS Compliance on this item.***

| Substance | Maximum Control Value |
|---|------------------------------|
| Lead | 0.1% by weight (1000 ppm) |
| Mercury | 0.1% by weight (1000 ppm) |
| Cadmium | 0.1% by weight (100 ppm) |
| Hexavalent Chromium | 0.1% by weight (1000 ppm) |
| Polybrominated Biphenyls (PBB) | 0.1% by weight (1000 ppm) |
| Polybrominated Diphenyl Ethers (PBDE) Including Deca-BDE | 0.1% by weight (1000 ppm) |

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Authorized Signatory for the Alpha Wire Company:

Dave Watson, Director of Engineering &QA

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