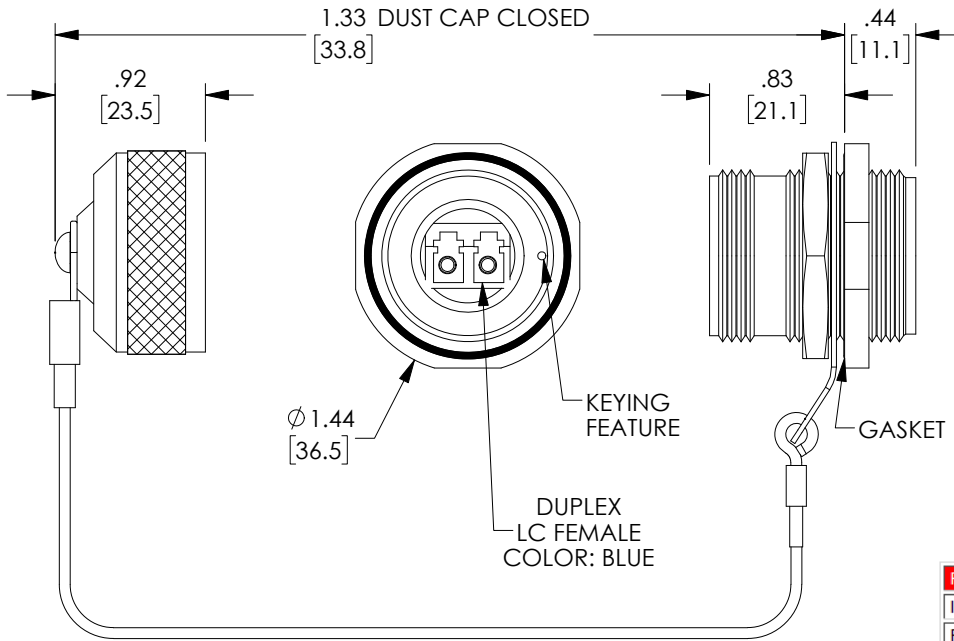


PROPRIETARY NOTICE

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NOTES:

- MATERIAL:
EXTERNAL PARTS: ALUMINUM/BLACK ANODIZE
ADAPTER HOUSING: THERMOPLASTIC
MISC. HARDWARE: STAINLESS STEEL
SEALS: SILICONE / NITRILE
LANYARD: STAINLESS STEEL (NYLON COAT)
- RATING: IP-68 WHEN MATED OR CAPPED PROPERLY
- APPLICATION: SINGLE MODE
- ALL DIMENSIONS ARE FOR REFERENCE ONLY.
- COMPONENT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH MILESTEK SPECIFICATION PS-0054

REGULATORY COMPLIANCE:
CE2011/65/EU(RoHS DIRECTIVE)

| REV | REVISIONS | | DATE | APPROVED |
|-----|-------------|--|----------|------------|
| | DESCRIPTION | | | |
| A | PRELIMINARY | | 06/07/18 | B.PUCHASKI |
| | | | | |
| | | | | |

| Parameter | Specification | Performance |
|------------------------------|------------------|------------------------------------|
| Insertion Loss (IL) (UPC) | EIA/TIA-455-171 | 0.25dB - Typical; 0.50dB - Maximum |
| Return Loss (RL) (UPC) | EIA/TIA-455-107A | Minimum 0.50dB |
| Operational Temperature | EIA/TIA-455-5C | -40°C to +85°C |
| Storage Temperature | EIA/TIA-455-5C | -40°C to +85°C |
| Temperature Humidity Cycling | EIA/TIA-455-5C | -40°C to +71°C at 95% RH, 240 hrs. |
| Dust Test | IEC 60529 IP68 | 8 hrs dust exposure with 20 mbar |
| Water Submersion | IEC 60529 IP68 | 48 hrs. immersion/1 meter water |
| Cable Retention ¹ | EIA/TIA-455-6 | 400 lbs. for 10 minutes |
| Mating Durability | EIA/TIA-455-21 | 500 cycles |
| Impact | EIA/TIA-455-2C | 8 drops, 2.4 meters |
| Vibration | EIA/TIA-455-11 | 10-55Hz, 2 hr/axis, 3 axis |
| Mechanical Shock | EIA/TIA-455-14A | Condition C, 5 shocks/axis |
| Crush | EIA/TIA-455-26A | 450 lbs. |

NON CONTROLLED DRAWING IF PRINTED

| CAD SYSTEM DRAWING - DO NOT REVISE MANUALLY | | | | | | | | | | |
|--|--|--|--|--|--|--|-------------------------|--|--|--|
| <div>DASH</div> <div>NEXT ASSY</div> <div>USED ON</div> <div>APPLICATION</div> | | | UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES | | SIGNATURE | | DATE | | <div><div>MilesTek</div><div>Military / Aerospace / Communications / Industrial</div></div> <div>MILESTEK CORPORATION 301 LEORA LANE, SUITE 100 LEWISVILLE, TX 75056 PHONE: (940) 484-9400 FAX: (940) 566-1047</div> | |
| | | | OVERALL CABLE LENGTH TOLERANCE: s12 [305] = +1 [25] / -0 >12 [305] s60 [1524] = +2 [51] / -0 >60 [1524] s120 [3048] = +4 [102] / -0 >120 [3048] s300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0% | | CHECKED BY: B.PUCHASKI 06/07/18 | | 06/07/18 | | | |
| | | | ALL OTHER DIMENSIONAL TOLERANCES: X = ±.2 [5.08] XX = ±.02 [5.1] XXX = ±.005 [1.3] | | J.LABOY 06/07/18 | | 06/07/18 | | | |
| | | | CUSTOMER REFERENCE DOCUMENT: | | APPROVED ENGINEERING: D.GUITTADAURO 06/07/18 | | APPROVED MANUFACTURING: | | | |
| | | | | | CUSTOMER APPROVAL | | TITLE | | LC IP68 RCPT JAM NUT SM DCAP | |
| | | | | | SIZE | | DRAWING NUMBER: | | | |
| | | | | | A | | FYC00013 | | | |
| | | | | | SCALE: NTS | | | | SHEET 1 OF 1 | |