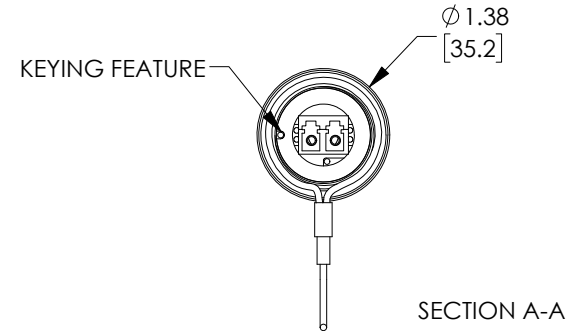
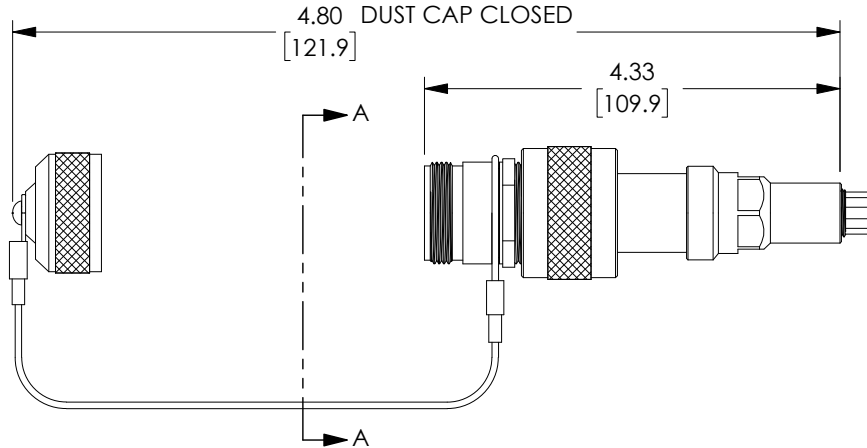


PROPRIETARY NOTICE

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REV	REVISIONS		
	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	6/11/18	D.FRISIELLO



MODEL NUMBER	LC TYPE
FYB00013	DUPLEX, BLUE

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 <sup>1</sup>	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.

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.
- ALL DIMENSIONS ARE FOR REFERENCE ONLY.**
- COMPONENT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH MILESTEK SPECIFICATION LPS-0054.**

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

NON CONTROLLED DRAWING IF PRINTED

CAD SYSTEM DRAWING - DO NOT REVISE MANUALLY					
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES			SIGNATURE	DATE	 MILESTEK CORPORATION 301 LEORA LANE, SUITE 100 LEWISVILLE, TX 75056 PHONE: (940) 484-9400 FAX: (940) 566-1047
OVERALL CABLE LENGTH TOLERANCE: ≤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%			DRAWN BY: D.FRISIELLO	5/25/18	
ALL OTHER DIMENSIONAL TOLERANCES: X = ±.2 [5.08] XX = ±.02 [1.51] XXX = ±.005 [1.3]			CHECKED BY: D.GUITADAURO	6/11/18	
CUSTOMER REFERENCE DOCUMENT:			APPROVED ENGINEERING: D.GUITADAURO	6/11/18	
DASH	NEXT ASSY	USED ON	CUSTOMER APPROVAL	TITLE MT IP68 IN-LINE RCPT SM DCAP	
APPLICATION			CAGE CODE: 42977	SIZE <b>A</b>	DRAWING NUMBER: FYB00013
				SCALE: NTS	SHEET 1 OF 1