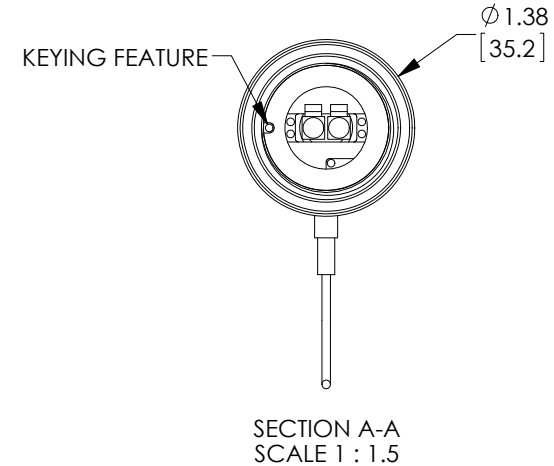
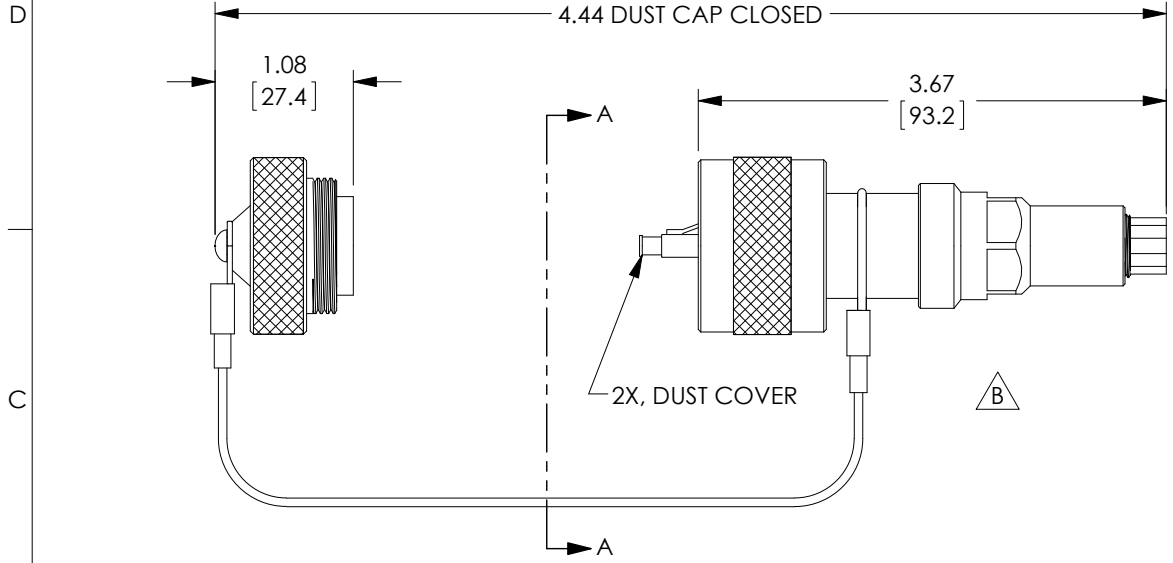


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	6/8/17	D.FRISIELLO
B	ECN 8871: REVISED 3D MODEL	8/2/17	D.FRISIELLO



MODEL NUMBER	LC TYPE
RLRB121LP01A	(2) MULTIMODE, BEIGE
RLRB121LP02B	(2) SINGLEMODE, BLUE
RLRB121LP02E	(2) SINGLEMODE, APC, GREEN

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.

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
- ALL DIMENSIONS ARE FOR REFERENCE ONLY.**
- COMPONENT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION LSP-010-1**

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] 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% ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5.08] .XX = ± .02 [51] .XXX = ±.005 [1.3]	APPROVALS DRAWN BY D.FRISIELLO CHECKED BY M.MARTINEZ APPROVED BY D.GUITADAURO	DATE 6/7/17 6/8/17 6/8/17	50 HIGH STREET NORTH ANDOVER, MA 01845				
	CATEGORY FIBER OPTICS			PRODUCT DESCRIPTION LC IP68 DPLX PLUG MM DCAP			
	PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR		SIZE A	FSCM NO. 43321	DWG. NO. RLRB121L
	SCALE: NONE		CAD FILE: RLRB121L.SLDDRW		SHEET 1 OF 1		