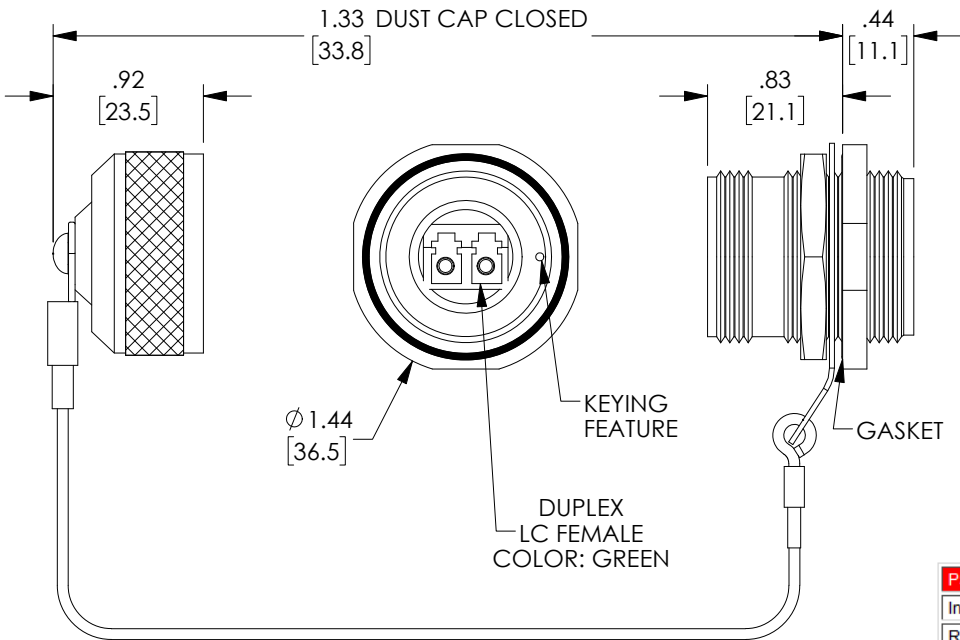
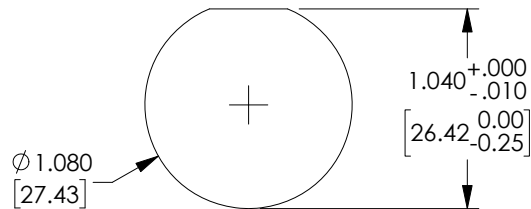


# PROPRIETARY NOTICE

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REV	REVISIONS		DATE	APPROVED
	DESCRIPTION			
A	REV A DRAWING RELEASED		06/11/18	B.PUCHASKI



## 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, APC POLISH
- 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)

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.

## NON CONTROLLED DRAWING IF PRINTED

CAD SYSTEM DRAWING - DO NOT REVISE MANUALLY										
			UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES							
DASH	NEXT ASSY	USED ON	OVERALL CABLE LENGTH TOLERANCE:			SIGNATURE		DATE		<div><div>MilesTek</div><div><small>Military / Aerospace / Communications / Industrial</small></div></div> <div>MILESTEK CORPORATION 301 LEORA LANE, SUITE 100 LEWISVILLE, TX 75056 PHONE: (940) 484-9400 FAX: (940) 566-1047</div>
			≤12 [305] = +1 [25] / -0			DRAWN BY:		06/07/18		
			>12 [305] ≤60 [1524] = +2 [51] / -0			B.PUCHASKI				
			>60 [1524] ≤120 [3048] = +4 [102] / -0			CHECKED BY:		06/07/18		
			>120 [3048] ≤300 [7620] = +6 [152] / -0			J.LABOY				
			>300 [7620] = +5% / -0%			APPROVED ENGINEERING:				
						D.GUITADAURO		06/07/18		
			ALL OTHER DIMENSIONAL TOLERANCES:			APPROVED MANUFACTURING:				
			X = ±.2 [5.08]			CUSTOMER APPROVAL				
			XX = ±.02 [5.1]							
XXX = ±.005 [1.3]										
CUSTOMER REFERENCE DOCUMENT:			CAGE CODE: 42977			SIZE		DRAWING NUMBER:		
APPLICATION						A		FYC00014		
						SCALE: NTS		SHEET 1 OF 1		