

## SUMMARY

### # Wires



*Image is for illustrative purpose only*

|                  |                             |
|------------------|-----------------------------|
| Series           | LM                          |
| Termination type | Female USB                  |
| IP rating        | 68 mated (mating interface) |
| AWG wire size    | 0.00 - 0.00                 |
| Cable Ø          | 11.35 - 22.70 mm            |
| Status           | Active                      |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | EG*: Fixed receptacle, nut fixing   |
| Keying            | 5 keys (alpha=105, beta=115, gamma=30, delta=20, plug: male contacts, receptacle: female contacts)      |
| Housing Material  | Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass |
| Weight            | 15.63 g   |

### Performance

|               |              |
|---------------|--------------|
| Configuration | LM.U2A : USB |
| Insulator     |              |
| Rated Current |              |

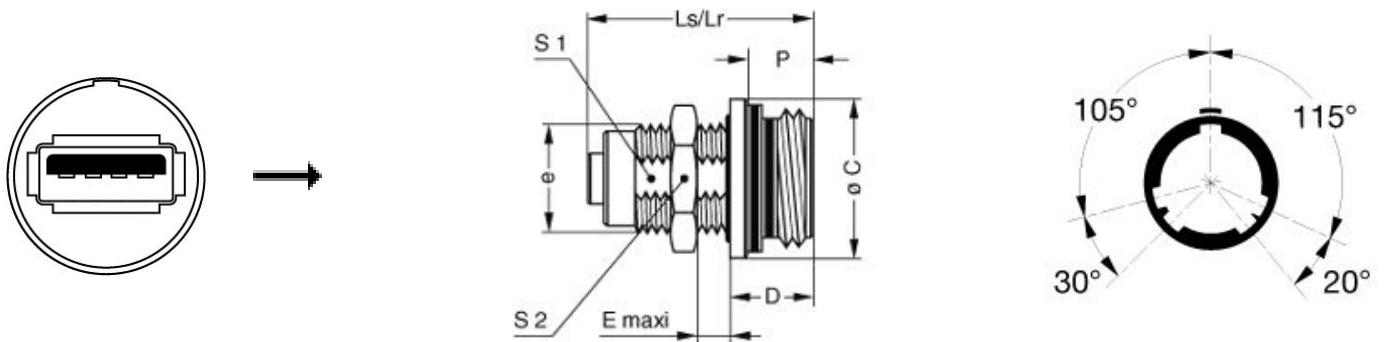
### Others

- Temp (min / max): -20° C / +200° C
- Humidity (max): 21 days at 95%
- Gunfire vibration: 25 Hz - 2000 Hz, 3 axis (Apache helicopter)

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Vibration-Sine: 30 g, 3 axes, 12 hr [10 Hz - 2000 Hz]  
 Vibration-Random: 37.8 g rms - 3 axes, 4 hr amb [50 Hz - 2000 Hz]  
 Shock Resistance: 300 g [ 3 ms]  
 Lighting strike EIA 364-75: 10K amps - 6 times  
 Thermal shock: 5 cycles: -65°C to +150°C  
 EMI Shielding EIA 364-66A: >= 80 dB (1 GHz), >=70 dB (3 GHz), >= 58 dB (6 GHz), >= 40 dB (10 GHz)  
 Salt Spray Corrosion: max. 48 hr

## DRAWINGS



### Dimensions

|     | C    | D    | E    | Ls   | Ls   | P    | S1   | S2   | e       |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 28   | 9.4  | 4    | 20   | 21.9 | 7.9  | 22.5 | 30   | M24x1.0 |
| in. | 1,10 | 0,37 | 0,16 | 0,79 | 0,86 | 0,31 | 0,89 | 1,18 |         |

## RECOMMENDED BY LEMO

### Tools

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