

HARSH ENVIRONMENT CONNECTOR ASSEMBLIES

Reference No: MK-0033/2-11
Version: 2.0

HE-2 Series ULTRA SMALL BAYONET LOCK CONNECTOR



Features

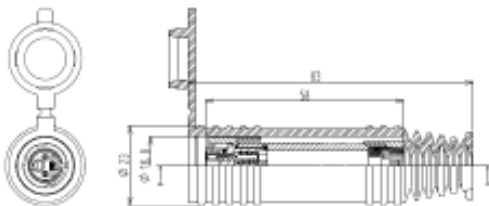
- ▶ Innovative bayonet lock
- ▶ Water resistant (IP68)
- ▶ Vibration resistant suitable for harsh environment
- ▶ High reliability with secure mating structure and rubber casing
- ▶ Easy access to ferrule for cleaning
- ▶ Light weight, high strength flexibility
- ▶ RoHS compliance

Applications

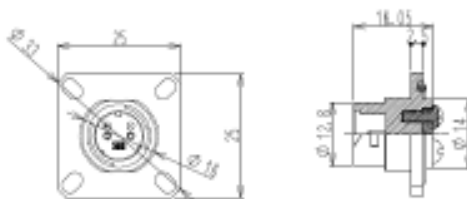
- ▶ Railway system
- ▶ Base station
- ▶ Outdoor commercial screen connection
- ▶ Medical equipment
- ▶ Industrial equipment
- ▶ Commercial camera

Specifications

■ Plug
(With rubber hood)



■ Receptacle
(Screw type)



◆ Material and Finish

COMPONENT	MATERIAL	FINISH/REMARKS
Housing	Zinc die-casting	Nickel plated / Chrome plated
Stopper	Synthetic resin	UL94V-0
Rubber hood	Synthetic rubber	-
Spring	Piano wire	Zinc plated
Split sleeve	Zirconia	-

◆ Performance Characteristics

TEST ITEMS	STANDARDS	SPECIFICATIONS
Temperature cycle	IEC 61300-2-22	-40°C to +85°C
Insertion loss	IEC 61300-3-4	SM: 0.7 dB MAX. (Typical 0.2 dB) GI: 0.5 dB MAX. (Typical 0.1 dB)
Mechanical durability	IEC 61300-2-2	5,000 times
Water resistance	IEC 60529	IP 68 compliant
Salt mist	IEC 61300-2-26	1,000 H

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Benefits

Easy mating

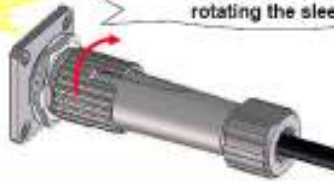
Simple and secure lock with tactile click

Compared to screw lock type...

- No torque management
- No connector breakage by over-tightening the screw.

Clear tactile click!

Mating and unmating is completed by just rotating the sleeve.



How to Mate

1. Slide back the rubber hood.
2. Align the plug to the receptacle.
3. Rotate the plug sleeve.
4. Slide the rubber hood back in place.



Reliable secure mating

Integrated Cap for protection from dust and splash

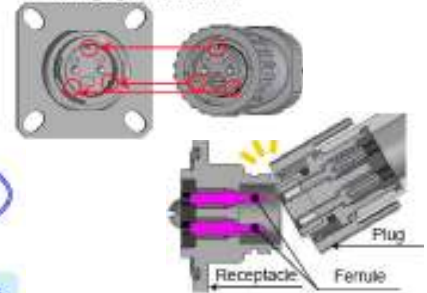
- Plug is not exposed to external environment, preventing corrosion.
- Protected against drop impact

Strain relief reduces the stress from cable bend

Vibration and Impact Resistant (Suitable for industrial applications.)

Plug does not touch the ferrules during angled insertion.

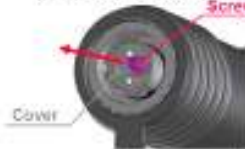
3 point stabilized mating against vibration.



Plug does not touch ferrule during angled insertion

Easily accessible to ferrules for cleaning

1. Screw down and remove the cover.



2. Remove the split sleeves.



3. Clean the ferrules and assemble again.

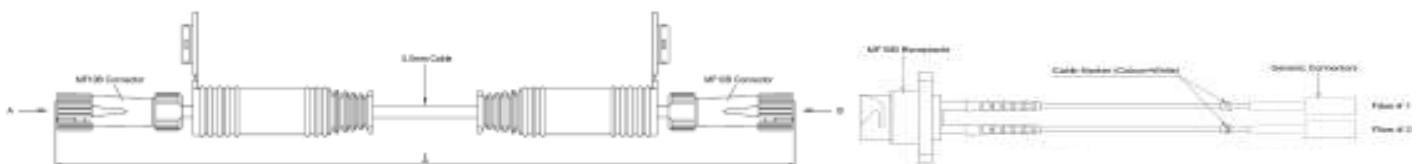


The screw remains on the cover, preventing its loss.

Tool to remove sleeves (Optional)



Product Illustration



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