

# CONNECTORS

## Catalog

Edition No.  
ENN110625



### IN THIS CATALOG:

- \* CIRCULAR CONNECTORS
- \* PUSH-PULL CONNECTORS
- \* VALVE CONNECTORS
- \* FIBER OPTIC CONNECTORS
- \* POGO-PINS
- \* SPACERS & TERMINALS
- \* GLANDS
- \* CUSTOM CONNECTORS

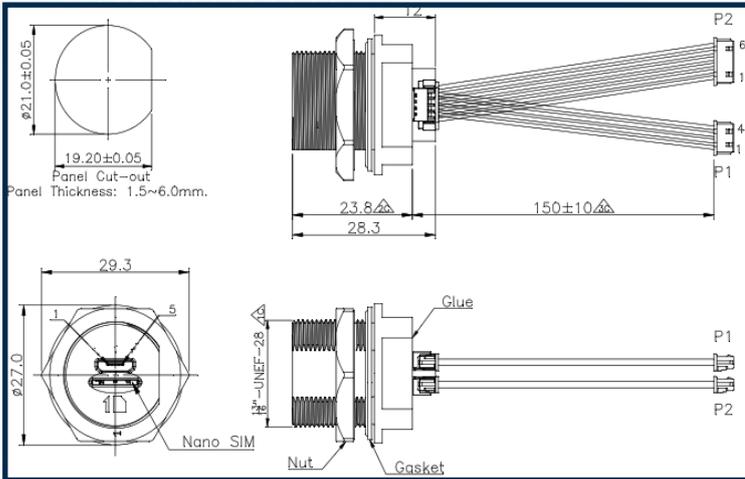
### RANGE

HIGH POWER	RF SIGNALS	M SERIES	PUSH-PULL MED
WATERPROOF	PANEL-MOUNT	USB IP67	HDMI IP67
MPO ADAPTER	WIRE TO WIRE	IP68 FIBER	POGO CONNECTOR
SMT SPACERS	POGO FOR RF	SPLITTED GLAND	SPRING LEAF
CAPTIVE SPACERS	ULTRA MINI POGO	BATTERY CONTACT	THERMAL-ELECTRIC





**MICRO-SIM+USB-C CONNECTOR**



**P/N: CCU-3344-S000**

**MECHANICAL SPECIFICATIONS:**

Recommend Panel Thickness: 1.5~2.5mm

Cables: 28 AWG, UL2561.

Nut torque: 16-18 kg/c

**ENVIRONMENTAL SPECIFICATIONS:**

Temperature range: -40/+85 °C

Water & Dust protection: IP68

**MATERIALS:**

Over-mold: Thermoplastic.

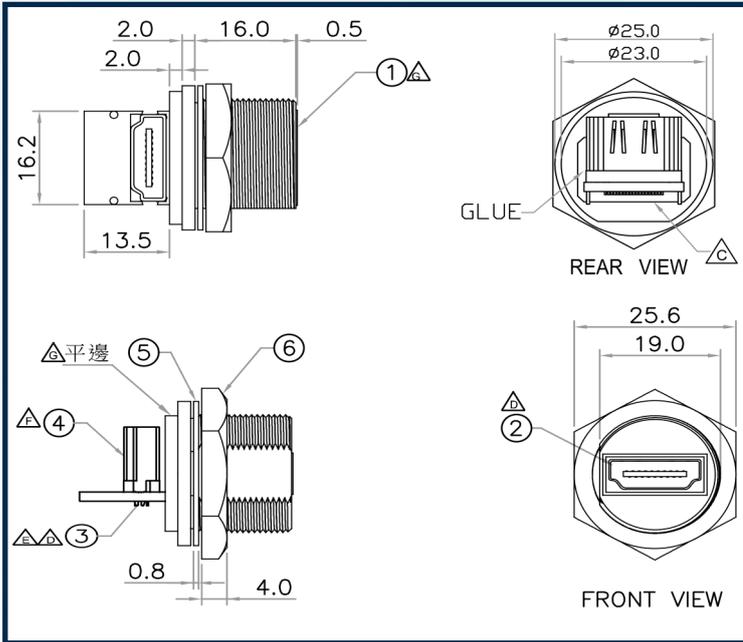
Contacts: Phosphor Bronze Gold plated.

O-Ring: Silicon.

Options & information:

USB-C only.

Cable length up to 10M.

**INDUSTRIAL IP67 CIRCULAR FOR COMMUNICATION**

**P/N: CGD-4244-S000**
**MECHANICAL SPECIFICATIONS:**

Panel thickness: 6.0mm Max.

Panel cut-out as below:


**ELECTRICAL SPECIFICATIONS:**

Current rating: 0.5A.

Dielectric strength: 500VAC for 1 minute.

**ENVIRONMENTAL SPECIFICATIONS:**

Operating temperature range: -25/+85 °C

Water &amp; dust protection: IP-67

**MATERIALS:**

Body &amp; Hex-nut: nylon+GF.

Gasket: EPDM.

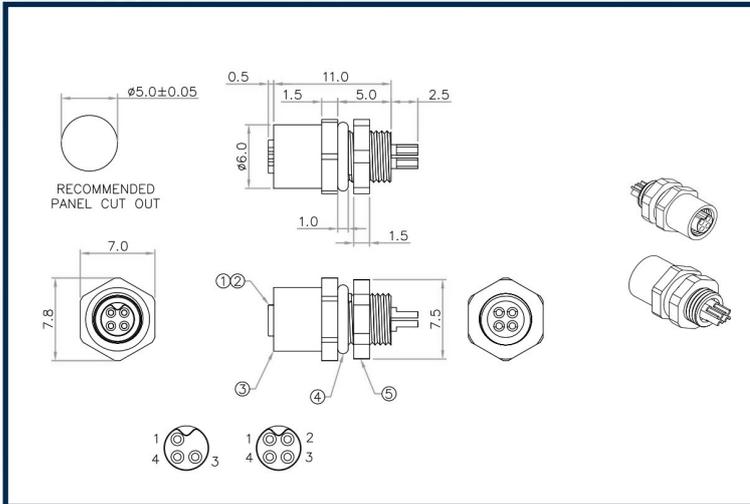
**Options & information:**

Waterproof cap available.

Mating side with overmolded cable.



## M5 PANEL-MOUNT RECEPTACLE



**P/N: CED-4720-S000**

### MECHANICAL SPECIFICATIONS:

Recommend Panel Thickness: 1~2.5mm

Mating Type: Threaded Locking.

Operation cycles: > 500 Mating..

### ENVIRONMENTAL SPECIFICATIONS:

Temperature range: -25/+85 °C

Water & Dust protection: IP66/68

### ELECTRICAL SPECIFICATIONS:

Maximum rating: 60V / 1A

Contact resistance: 5m Ohm.

Dielectric strength: 500V AC for 1 minute.

### MATERIALS:

Insert: Nylon + GF.

Terminals & Contacts: Brass Gold plated.

Housing: Brass Nickel plated.

O-Ring: Silicon

### Options & information:

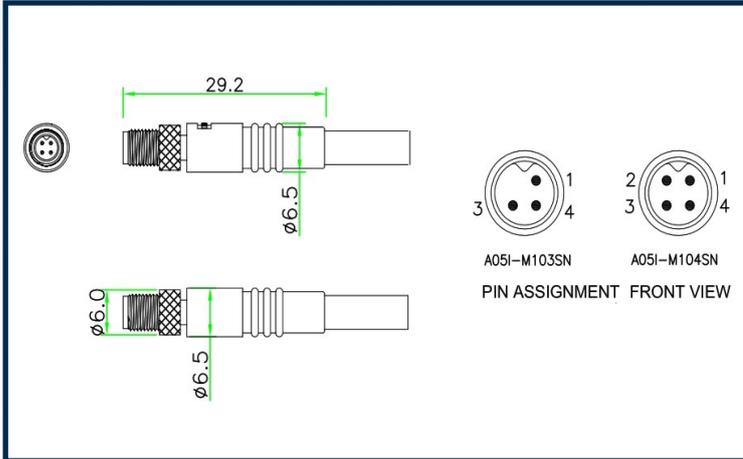
3 or 4 contacts.

PC terminals.





## M5 CONNECTOR WITH MOLDED CABLE



**P/N: CED-4740-S0XX**

### MECHANICAL SPECIFICATIONS:

Recommend Panel Thickness: 1~2.5mm  
 Mating Type: Threaded Locking.  
 Operation cycles: > 500 Mating..

### ENVIRONMENTAL SPECIFICATIONS:

Temperature range: -25/+85 °C  
 Water & Dust protection: IP66/68

### ELECTRICAL SPECIFICATIONS:

Maximum rating: 60V / 1A  
 Contact resistance: 5m Ohm.  
 Dielectric strength: 500V AC for 1 minute.

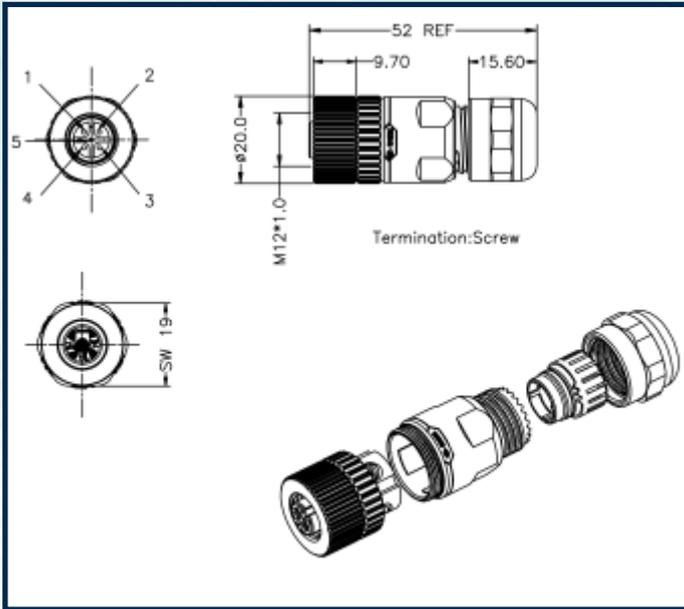
### MATERIALS:

Insert: Nylon + GF.  
 Over-mold: TPU  
 Terminals & Contacts: Brass Gold plated.  
 Coupling Nut: Brass Nickel plated.

### Options & information:

3 or 4 contacts.  
 Cable length up to 10M..

## M12 FEMALE CONNECTOR



**P/N: CBC-1244-S000**

### MECHANICAL SPECIFICATIONS:

Number of pins: 4  
 Wire AWG: 26-20  
 Cable OD: 6-8mm Dia  
 Operation mating >100  
 Termination: Screws.

### ELECTRICAL SPECIFICATIONS:

Maximum rating: 4A/250VDC.  
 Contact resistance: 10mΩ.  
 Insulation resistance: 100MΩ.  
 Coding: A

### ENVIRONMENTAL SPECIFICATIONS:

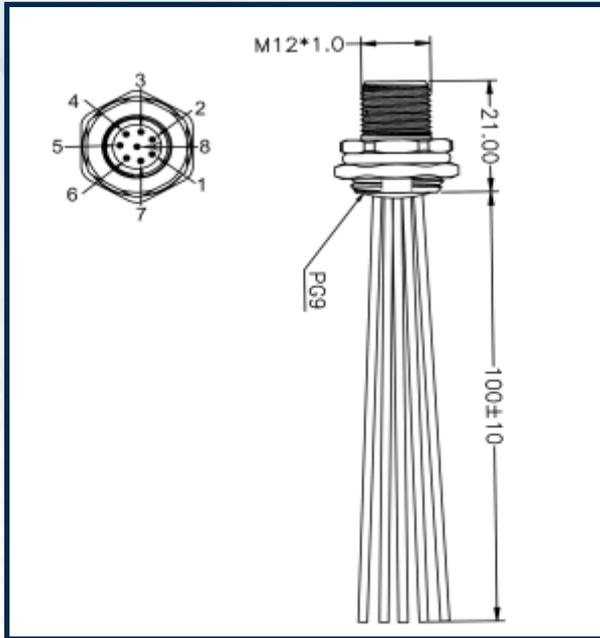
Operating temperature range: -25/+85 °C  
 Water & Dust protection: IP67

### MATERIALS:

Case: PA  
 Sockets: CuZn Au plating.  
 Terminals: CuZn Au plating.

### Options & information:

Number of pins: 3, 4, 5, 8, 12.  
 Different coding.  
 Solder termination.

**M12 FEMALE CONNECTOR****P/N: CBC-1288-S000****MECHANICAL SPECIFICATIONS:**

Number of pins: 8  
Wire AWG: 24  
Operation mating >100

**ENVIRONMENTAL SPECIFICATIONS:**

Operating temperature range: -25/+85 °C  
Water & Dust protection: IP67

**ELECTRICAL SPECIFICATIONS:**

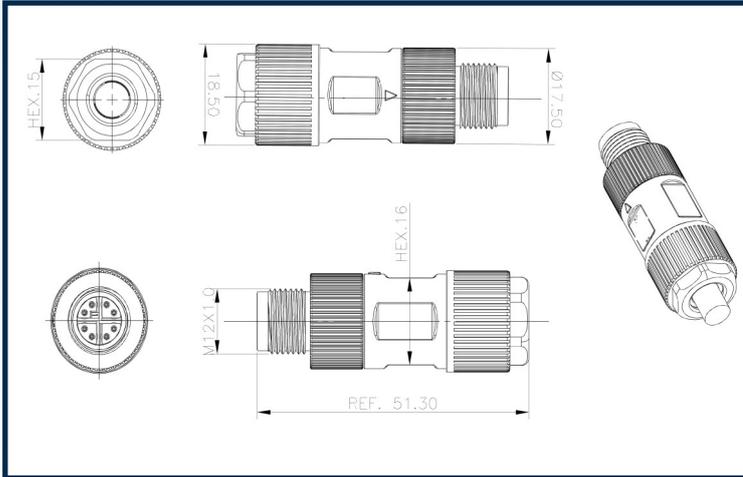
Maximum rating: 4A/250VDC.  
Contact resistance: 10mΩ.  
Insulation resistance: 100MΩ.  
Coding: A

**MATERIALS:**

Case: PA  
Sockets: CuZn Au plating.  
Terminals: CuZn Au plating.

**Options & information:**

Number of pins: 3, 4, 5, 8, 12.  
Different coding.  
Different wire length

**IP68 M12 IDC SCREWLESS CONNECTOR****P/N: CBU-3550-S000****MECHANICAL SPECIFICATIONS:**

Insulation-Displacement Contact mechanism.

Applicable wires: 22-26 AWG.

Applicable cables OD: 5.5-6 / 7.5-8.0mm.

**ENVIRONMENTAL SPECIFICATIONS:**

Temperature range: -40/+85 °C

Water &amp; Dust protection: IP-68

**ELECTRICAL SPECIFICATIONS:**

Data speed up to 10 Gb, Ethernet (CAT6A)

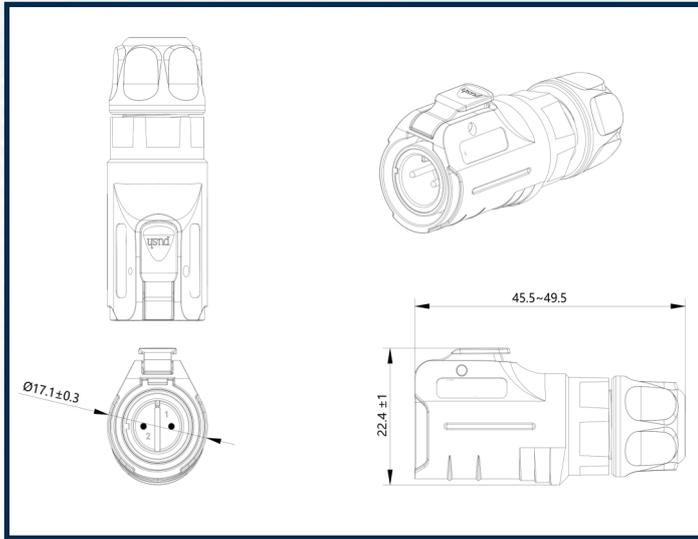
**MATERIALS:**

Housing: zinc alloy Nickel plated

Nut: brass Nickel plated.

**Options & information:**

Plastic housing is also available.

**LOCK PUSH-PULL CONNECTOR****P/N: CJA-8540-S000****MECHANICAL SPECIFICATIONS:**

Wires gauge: 20-22 AWG  
Cable OD diameter: 3.5-4.5mm  
Life cycle: 500 matings Min.

**ENVIRONMENTAL SPECIFICATIONS:**

Operating temperature range: -25/+85 °C  
Water & dust protection: IP-67

**ELECTRICAL SPECIFICATIONS:**

Rated current: 5A  
Rated Voltage 12VDC  
Insulation resistance: 500MΩ  
Contact resistance: 5mΩ

**MATERIALS:**

Terminal: cooper Alloy, Gold plated.  
O-Rings: Silicon.

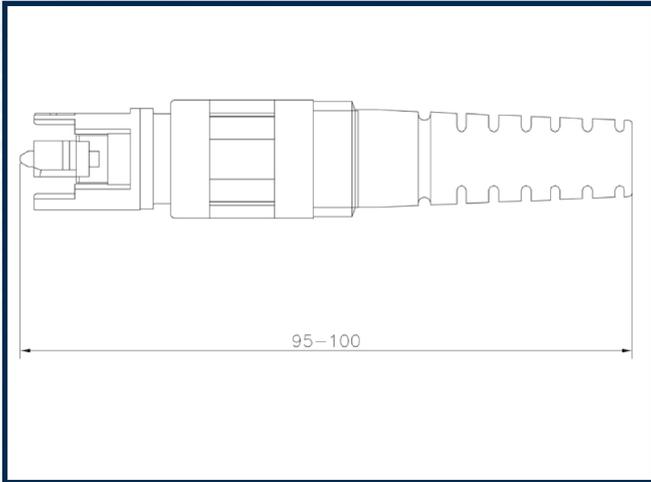
**Options & information:**

Optional Wiring method: Soldering, Crimping Screwing Riveting.

Number of pins: 2-8

USB, HDMI & RJ45 internal connection are optional.

Wider temp. range is optional.

**IP 68 FIBER CONNECTOR****P/N: CHP-2282-S000****MECHANICAL SPECIFICATIONS:**

Mating cycles: 500 Min.

**ENVIRONMENTAL SPECIFICATIONS:**

Operating temperature range: -24/+75 °C

Water &amp; dust protection: IP-68

**OPTICAL SPECIFICATIONS:**

SC, LC DUPLEX:

Insertion loss:  $\leq 0.30\text{dB}$ Return loss:  $\geq 50\text{dB}$  (PC), 55dB (UPC), 60dB (APC)**OPTICAL SPECIFICATIONS:**

MT:

Insertion loss:  $\leq 0.75\text{dB}$ Return loss:  $\geq 50\text{dB}$  (APC)**Options & information:**

Mating side.

Meets Telcordia GR-3120 -Core Requirements.

**MPO CONNECTOR**



ASSEMBLY ASSEMBLY

12/24/36/48 MT Ferrule      16/32 MT Ferrule

<b>12MT</b>	<b>36MT</b>	<b>16MT</b>
<b>24MT</b>	<b>48MT</b>	<b>32MT</b>



**P/N: CHA-2565-S000**

MECHANICAL SPECIFICATIONS:

Fiber counts: Up to 24F.

Life cycles: 500 matings.

ENVIRONMENTAL SPECIFICATIONS:

Operating temperature range: -40/+75 °C

OPTICAL SPECIFICATIONS:

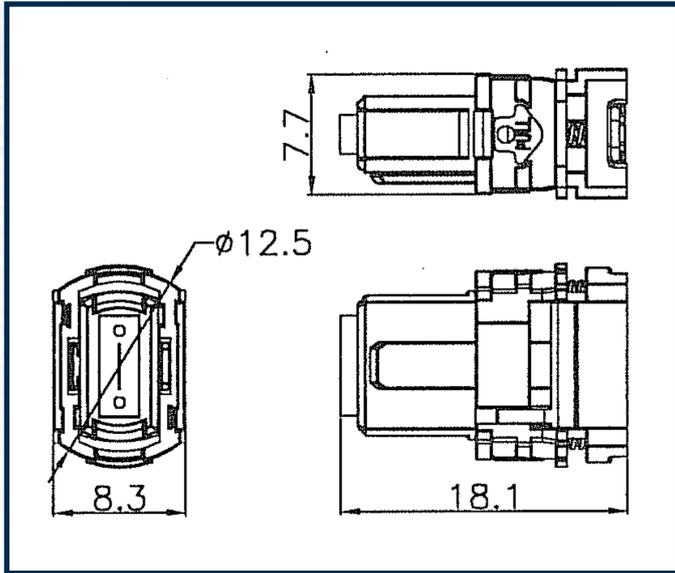
Insertion loss:

Single mode: 0.35 or 0.7bd

Multi mode: 0.35 or 0.50db

KIT PARTS:

Options & information:

**POLARITY CHANGE MPO****P/N: CHP-2338-S000****MECHANICAL SPECIFICATIONS:**

Push-pull Key housing enable reverse key position.  
Life cycles: 500 matings.

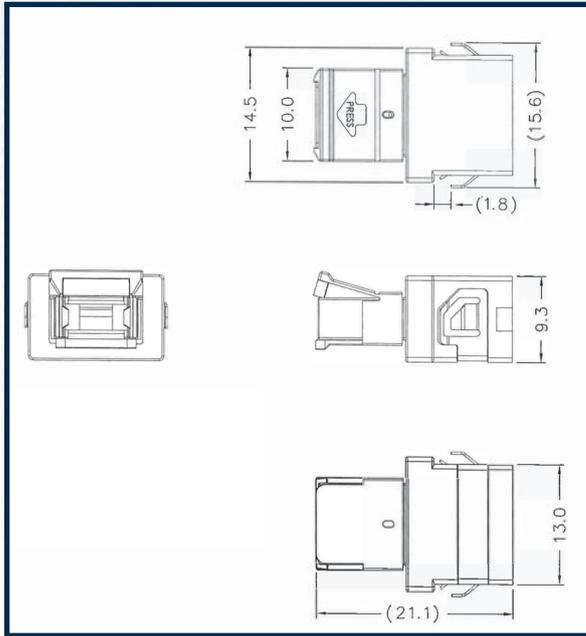
**ENVIRONMENTAL SPECIFICATIONS:**

Operating temperature range: -20/+75 °C

**EOPTICAL SPECIFICATIONS:**

Insertion loss:  
Single mode: 0.35 or 0.7bd  
Multi mode: 0.35 or 0.50db

Options & information:

**MPO ADAPTER EMI SHIELDED****P/N: CHP-2265-S000****MECHANICAL SPECIFICATIONS:**

Life cycle: <0.3db change, 50 matings Min.  
IEC 61754-7 and TIA/EIA 604-5 Compliant.

**ENVIRONMENTAL SPECIFICATIONS:**

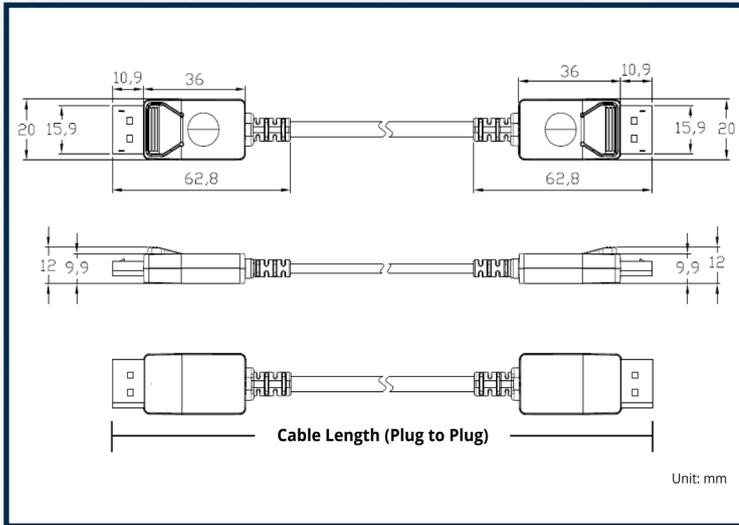
Operating temperature range: -40/+70 °C

**MATERIALS:**

Plastic parts: Thermoplastic UL-94-V0  
Clip & shutter: stainless steel.

**Options & information:**

Keyway available for key up or key down  
Plastic MPO Adapter with Flange available.

**OPTICAL HIGH-SPEED CONNECTOR****P/N: CHI-1475-S000****MECHANICAL SPECIFICATIONS:**

Cable dimension: 5.1x3.1mm.

Cable Type: Hybrid

Cable length: up to 100M

Pull strength: 200N

**ENVIRONMENTAL SPECIFICATIONS:**

Operating temperature range: 0/+50 °C

**OPTICAL SPECIFICATIONS:**

Supported Resolution: 2160p @ 60Hz

Data Rate (per lane): Up to 5.4 Gbps.

Power consumption: for up to 20m, 330mW.

**Options & information:**

DisplayPort 1.2 compliant.

No external power required.

Standard cable length: 10, 50 100 meter.

## WATERPROOF LC CONNECTOR



P/N: CHD-1480-SXXX

Shell Size	MS Size	A Max.	B Max.	C Max.	D Thread	E	F	G	H	J	d1 Min.	d2 Min.
9	A	20.9	10.6	2.5	M12X1-6g	23.8	18.3	15.1	3.3	5.5	16.7	13.1
11	B	20.9	10.6	2.5	M15X1-6g	26.2	20.6	18.3	3.3	4.9	20.2	15.9
13	C	20.9	10.6	2.5	M18X1-6g	28.6	23.0	20.6	3.3	4.9	23.4	19.1
15	D	20.9	10.6	2.5	M22X1-6g	31.0	24.6	23.00	3.3	4.9	26.6	23.0
17	E	20.9	10.6	2.5	M25X1-6g	33.3	27.0	24.6	3.3	4.9	31.0	25.8
19	F	20.9	10.6	2.5	M28X1-6g	36.5	29.4	27.0	3.3	4.9	32.9	29
21	G	20.1	11.4	3.2	M31X1-6g	39.7	31.8	29.4	3.3	4.9	36.1	32.2
23	H	20.1	11.4	3.2	M34X1-6g	42.9	34.9	31.8	3.9	6.2	39.3	34.9
25	J	20.1	11.4	3.2	M37X1-6g	46.0	38.1	34.9	3.9	6.2	42.5	37.7



P/N: CHD-1482-SXXX

Shell Size	MS Size	C
9	A	21.80
11	B	25.00
13	C	29.40
15	D	32.40
17	E	35.60
19	F	38.50
23	H	44.90
25	J	48.00

### MECHANICAL SPECIFICATIONS:

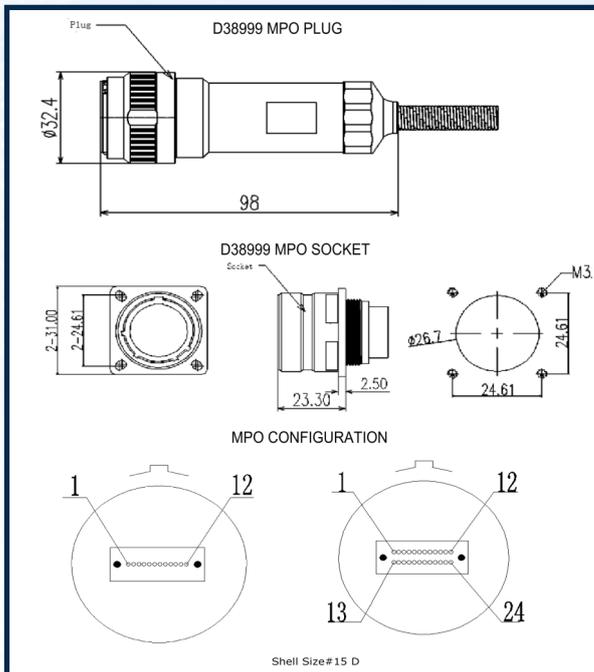
Series design: D38999.  
 Mating cycle: > 500  
 Material: stainless steel.  
 1-32 fiber connections.

### ENVIRONMENTAL SPECIFICATIONS:

Operating temperature range: -55/+85 °C  
 Water & dust protection: IP-67

### Options & information:

Aluminum Alloy, Olive-green cadmium plating—Optional.

**MULTI MPO CONNECTOR IP67**

**P/N: CHD-1324-S000**
**MECHANICAL SPECIFICATIONS:**

Series design: D38999.  
 Shell no. 15  
 Index no. D  
 Cable OD: 7.0mm

**ENVIRONMENTAL SPECIFICATIONS:**

Operating temperature range: -40/+85 °C  
 Water & dust protection: IP-67

**OPICAL SPECIFICATIONS:**

Insertion loss:  $\leq 0.75\text{dB(SM)}$ ,  $\leq 0.6\text{dB(MM)}$   
 Return Loss": SM  $\geq 50\text{db}$   
 Ferrule: 8, 12 or 24C.

**MATERIALS:**

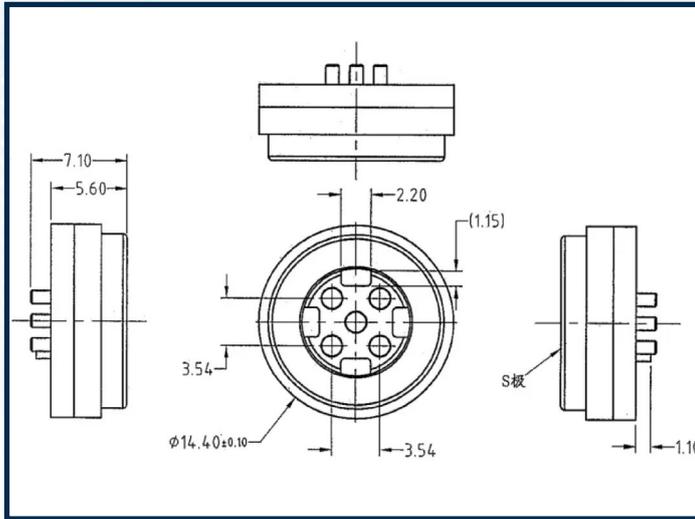
Metal parts: stainless steel.  
 Anti-push-unit: KEVLAR  
 Outer Sheath: TPU, LSZH or Hytrel.

**Options & information:**

Aluminum Alloy, Olive-green cadmium plating—Optional.



## MAGNET POGO CONTACT



**P/N: CEA-7412-S000**

### MECHANICAL SPECIFICATIONS:

Contact force: 50±20g at 0.7mm  
Life cycle: 20,000 Min.

### ENVIRONMENTAL SPECIFICATIONS:

Operating temperature range: -20/+85 °C  
Water & dust protection: IP-54

### ELECTRICAL SPECIFICATIONS:

Power rating: 1A/12VDC.  
Contact resistance: 50m Ohms.

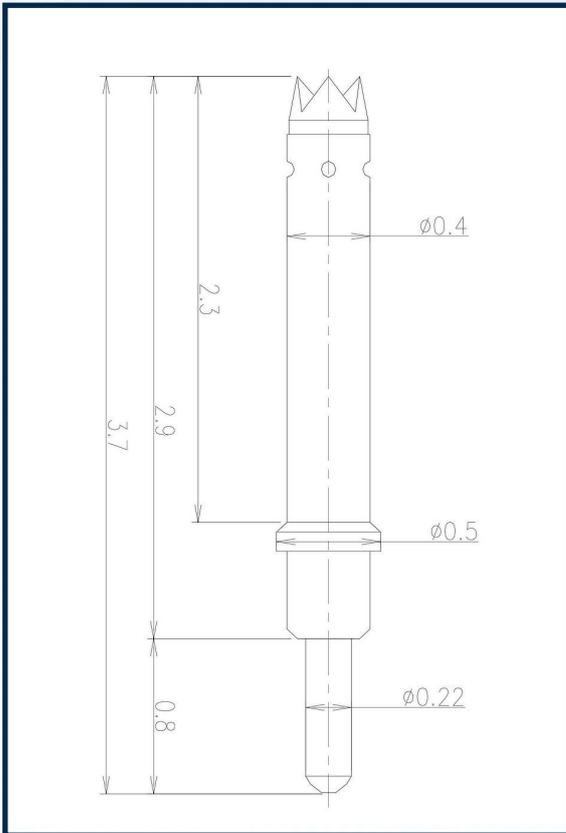
### MATERIALS:

Housing: high temp. plastic.  
Contacts: brass gold plated 10 micron.

### Options & information:

Rectangular shape available.

IP-67 protection version available

**ULTRA-SMALL SIZE POGO****P/N: TDA-8325-S000****ELECTRICAL SPECIFICATIONS:**

Propagation Delay: 18.1 Pico sec

Capacitance: 0.43pF

Return loss: -10dB@33.7GHz.

Insertion loss: -1dB@32.7GHz

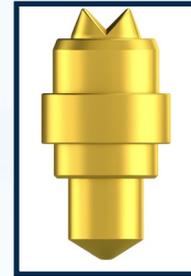
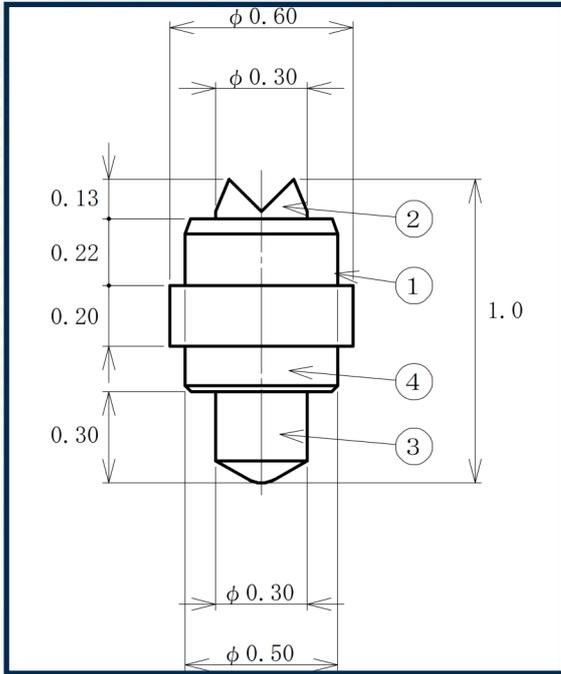
**MECHANICAL SPECIFICATIONS:**

Operation Position: 3.1mm

Spring force: 30g

**Options & information:**

Different plungers available.

**RF SIGNAL POGO CONTACTS**

**P/N: TDP-2355-S000**
**MECHANICAL SPECIFICATIONS:**

Operation Stroke: 0.20mm

Full Stroke: 0.25mm

Life cycle: 100,000.

**ENVIRONMENTAL SPECIFICATIONS:**

Operating temperature range: -25/+120 °C

**ELECTRICAL SPECIFICATIONS:**

Bandwidth: 13.8Ghz (-1db)

Capacitance: 0.22pF

Rated current: 3A

Contact resistance: < 100mΩ

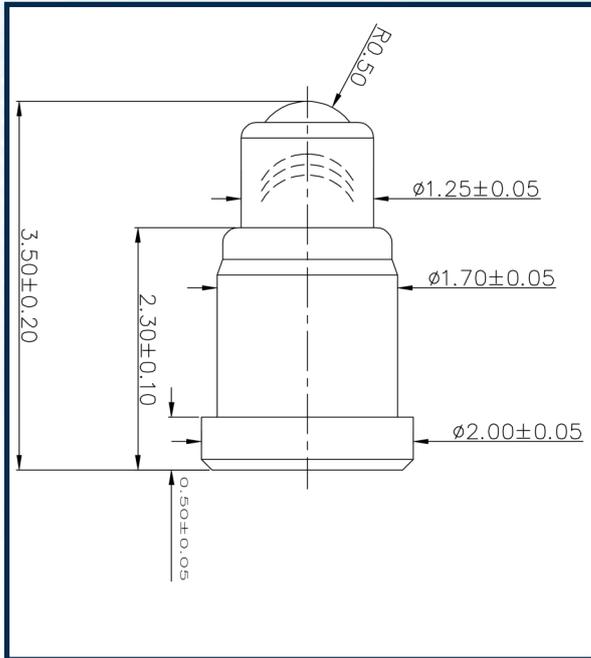
**MATERIALS:**

Barrel: Bronze. Gold over Ni plating

Plunger: BeCu. Gold over Ni plating

Spring: Piano wire. Gold over Ni plating

**Options & information:**

**ROLLING BALLPOGO CONTACTS**

**P/N: TAD-4345-S000**
**MECHANICAL SPECIFICATIONS:**

Working height: 2.9 (+/-0.1mm)

Full Stroke: 0.20mm

Spring force: 60 +/- 15 g.

Life cycle: 2,000 Min.

**MATERIALS:**

Barrel: Brass. Gold over Ni plating

Plunger: brass. Gold over Ni plating

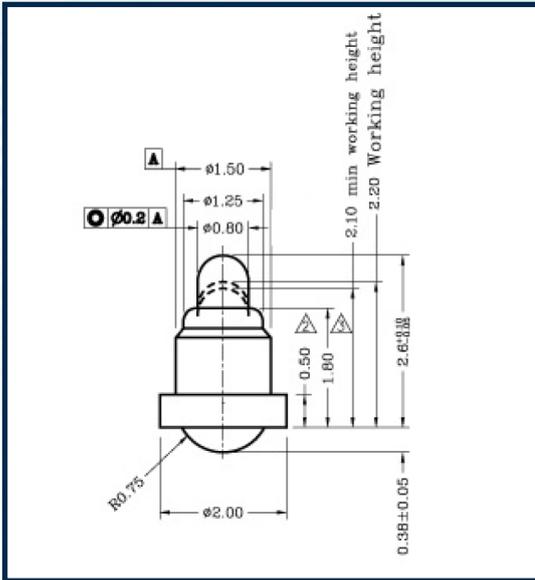
ball: SUS. PD over PdNi over Ni plating

**ELECTRICAL SPECIFICATIONS:**

Rated current: 2A/12VDC

Contact resistance: &lt; 100mΩ

Options & information:

**MAGNET POGO CONTACT**

**P/N: TAB-1370-S000**
**MECHANICAL SPECIFICATIONS:**

Contact force: 30gf  
 Life cycle: 10,000 Min.

**ENVIRONMENTAL SPECIFICATIONS:**

Operating temperature range: -40/+85 °C

**ELECTRICAL SPECIFICATIONS:**

Power rating: 2A/12VDC.  
 Contact resistance: 50m Ohms.

**MATERIALS:**

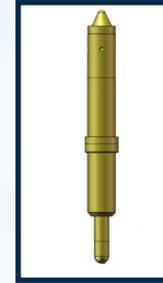
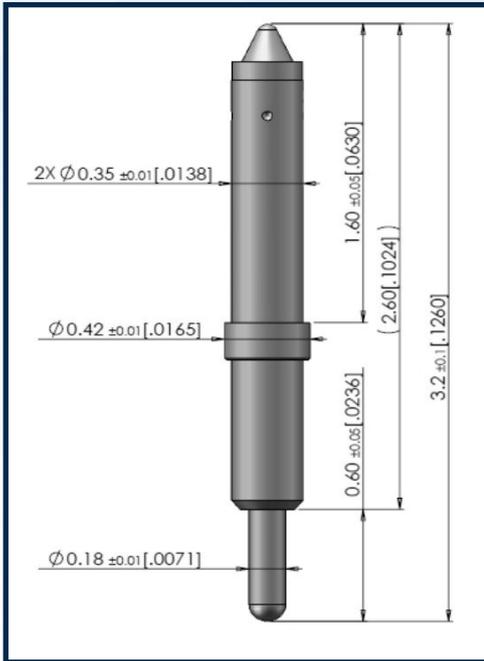
Body: Brass Au plating over silver.  
 Plunger: Brass Au plating over silver.  
 Spring: stainless-steel.

**Options & information:**

Tape & reel package.  
 Custom design.



### 3.20mm Height RF Spring probe



**P/N: TDD-1721-S000**

**MECHANICAL SPECIFICATIONS:**

Recommended travel: 0.40 mm  
 Contact force: 20 gf at full travel.

**MATERIALS:**

Plunger: BeCu.  
 Barrel: BeCu.  
 Spring: Music wire, Au plated.

**ELECTRICAL SPECIFICATIONS:**

Bandwidth : Up to 50GHz  
 resistance: <60 mOhm.  
 Current rating: 2.4A.

**ENVIRONMENTAL SPECIFICATIONS:**

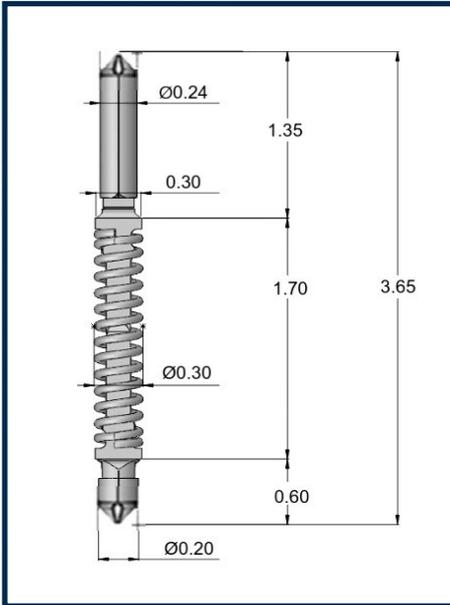
Temperature range: -40/+125 °C.

**Options & information:**

- Different plunger shape.
- Different length.
- Customized socket for array of contacts.



### 3.65mm Height RF Spring probe



**P/N: TDA-2644-S000**

MECHANICAL SPECIFICATIONS:

Recommended travel: 0.55 mm  
 Contact force: 16 g at full travel.  
 Operation cycles: 100,000 cycles min.

MATERIALS:

Plunger: BeCu.  
 Spring: SUS.

ELECTRICAL SPECIFICATIONS:

Bandwidth : Up to 50GHz  
 Insertion loss: -1 dB at 40Ghz.  
 Return loss: -10 dB at 40Ghz.

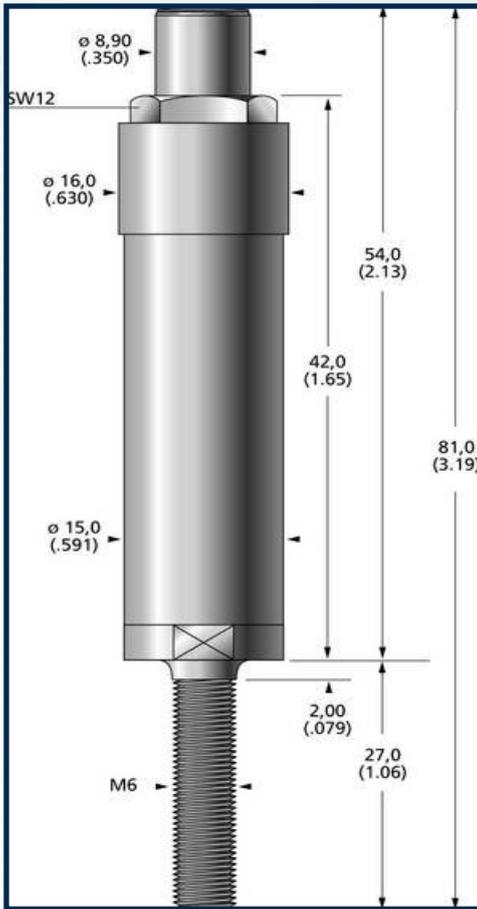
ENVIRONMENTAL SPECIFICATIONS:

Temperature range: -40/+150 °C.

Options & information:

- Different plunger shape.
- Different length.
- Customized socket for array of contacts.

## HIGH POWER POGO-PIN



**P/N: TBC-1755-S000**

### MECHANICAL SPECIFICATIONS:

Install height: 54.1mm

Operating travel: 7.0mm

Maximum travel: 12.1mm

### ELECTRICAL SPECIFICATIONS:

resistance: 1m Ohm

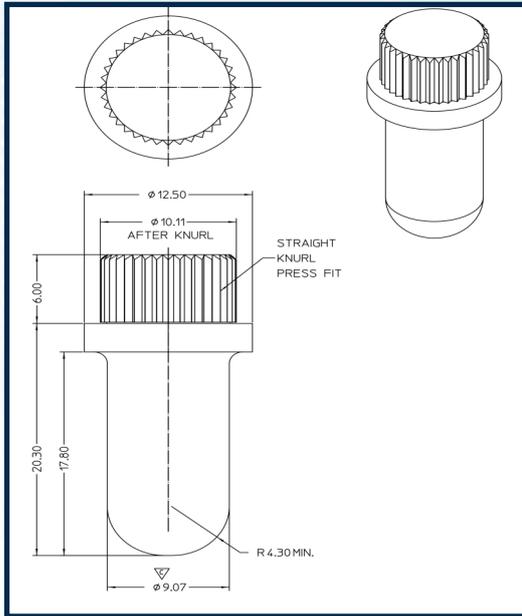
Rated current: 100A

### MATERIALS:

Steel, Cu alloy.

### Options & information:

Different plungers are available.

**250A/750VDC SPRING CONTACT****P/N: TNI-9775-S000****MECHANICAL SPECIFICATIONS:**

Mate force: 18N Max 5N Min

Operation cycles: 10,000 cycles min.

Package: Tape &amp; Reel.

**ENVIRONMENTAL SPECIFICATIONS:**

Operating temperature range: -40/+130 °C

**ELECTRICAL SPECIFICATIONS:**

Contact resistance: 0.25m Ohm.

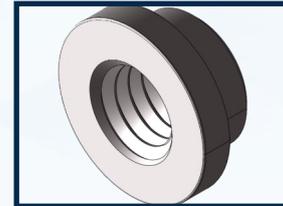
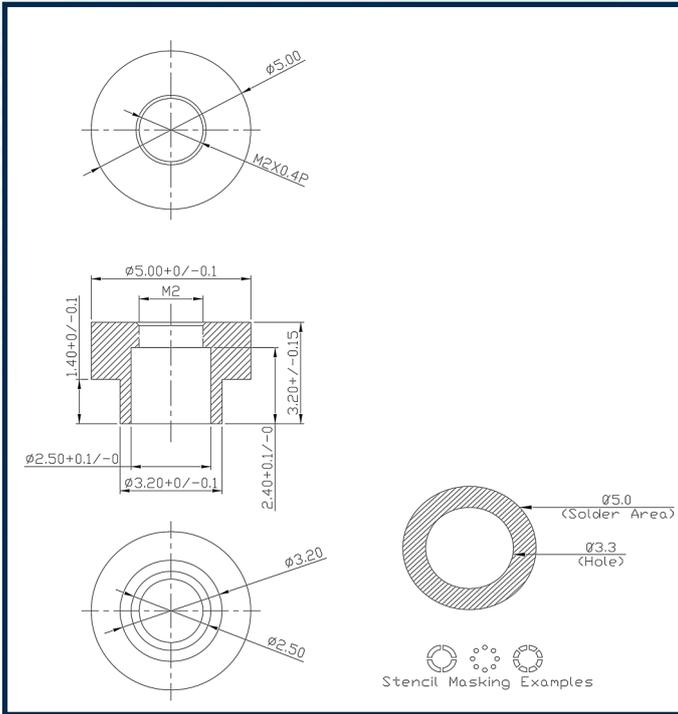
**MATERIALS:**

Terminal: cooper Alloy.

Plating: silver 100 μ .

**Options & information:**

Mating side P/N: CNI-9770-S000

**SMT SPACERS**

**P/N: TFU-3610-SXXX**
**MECHANICAL SPECIFICATIONS:**

Tape &amp; reel package

Withstand reflow process, 260°C for 20sec.

**MATERIALS:**

Brass plated with Sn over nickel

Capton cap on the top for P&amp;P machines

**Options & information:**

Threaded or plain hole.

Metric or Inch Thread.

Gold plating—optional.

Captive spacers available.

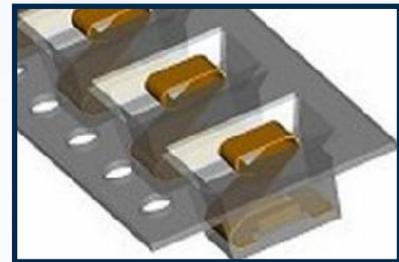
Other materials on request.

## SPRING LEAF CONTACTS

P/N: TUU-3750-SXXX



	Beryllium Copper W : 1.5 L : 4.44 H : 0.94		Beryllium Copper W : 3.55 L : 4.13 H : 2.25		Beryllium Copper W : 2.5 L : 3.5 H : 4.0		Beryllium Copper W : 2.5 L : 7.0 H : 6.2
	Beryllium Copper W : 0.8 L : 2.68 H : 1.0		Beryllium Copper W : 2.0 L : 3.0 H : 2.5		Beryllium Copper W : 2.5 L : 4.0 H : 4.1		Beryllium Copper W : 2.0 L : 4.5 H : 7.0
	Beryllium Copper W : 0.8 L : 2.68 H : 1.3		Beryllium Copper W : 2.0 L : 3.0 H : 2.5		Stainless Steel W : 2.0 L : 3.5 H : 4.2		Beryllium Copper W : 2.5 L : 4.8 H : 7.8
	Beryllium Copper W : 1.7 L : 2.95 H : 1.4		Stainless Steel W : 2.0 L : 2.8 H : 2.8		Beryllium Copper W : 2.0 L : 4.5 H : 4.5		Beryllium Copper W : 2.5 L : 7.0 H : 7.5
	Beryllium Copper W : 2.0 L : 3.2 H : 1.5		Beryllium Copper W : 3.0 L : 6.4 H : 2.9		Beryllium Copper W : 2.5 L : 4.8 H : 4.5		Beryllium Copper W : 2.5 L : 7.0 H : 9.0
	Beryllium Copper W : 2.0 L : 3.2 H : 1.5		Beryllium Copper W : 2.0 L : 3.0 H : 3.0		Beryllium Copper W : 2.0 L : 4.5 H : 4.8		Beryllium Copper W : 2.5 L : 7.5 H : 13.0
	Beryllium Copper W : 1.2 L : 3.13 H : 1.62		Beryllium Copper W : 2.0 L : 3.0 H : 3.1		Beryllium Copper W : 2.5 L : 4.5 H : 4.8		Beryllium Copper W : 3.0 L : 5.0 H : 4.0
	Beryllium Copper W : 1.2 L : 2.85 H : 1.7		Stainless Steel W : 2.0 L : 3.0 H : 3.1		Beryllium Copper W : 2.5 L : 4.0 H : 5.0		
	Beryllium Copper W : 0.8 L : 4.65 H : 1.85		Beryllium Copper W : 1.2 L : 3.7 H : 3.2		Beryllium Copper W : 2.0 L : 5.8 H : 5.0		
	Beryllium Copper W : 1.5 L : 2.5 H : 2.0		Beryllium Copper W : 2.0 L : 3.0 H : 3.5		Beryllium Copper W : 3.0 L : 4.0 H : 5.1		
	TiCu W : 1.5 L : 2.7 H : 2.0		Beryllium Copper W : 2.5 L : 4.3 H : 3.5		Beryllium Copper W : 2.0 L : 4.0 H : 5.3		
	Beryllium Copper W : 2.0 L : 3.8 H : 2.0		Beryllium Copper W : 2.0 L : 3.0 H : 3.6		Beryllium Copper W : 2.0 L : 4.0 H : 5.5		
	Beryllium Copper W : 1.2 L : 2.88 H : 2.1		Beryllium Copper W : 2.0 L : 4.0 H : 3.7		Beryllium Copper W : 2.0 L : 4.7 H : 5.7		
	Beryllium Copper W : 2.0 L : 4.0 H : 2.1		Beryllium Copper W : 2.0 L : 3.0 H : 4.0		Beryllium Copper W : 2.0 L : 3.8 H : 6.2		



### MATERIALS:

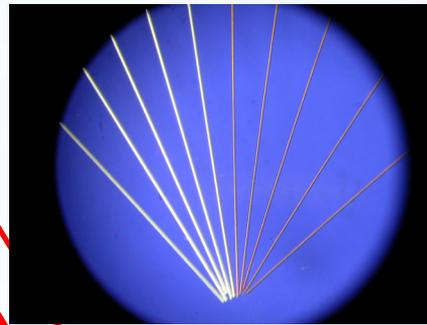
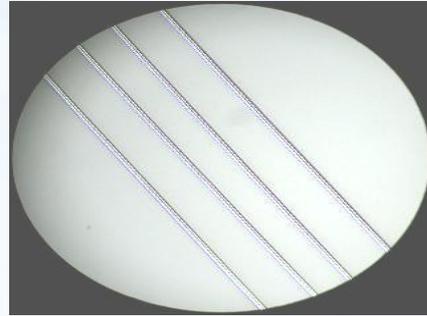
Beryllium cooper, gold plated.

### Options & information:

Other material options: Stainless-steel, Phosphor Bronze.

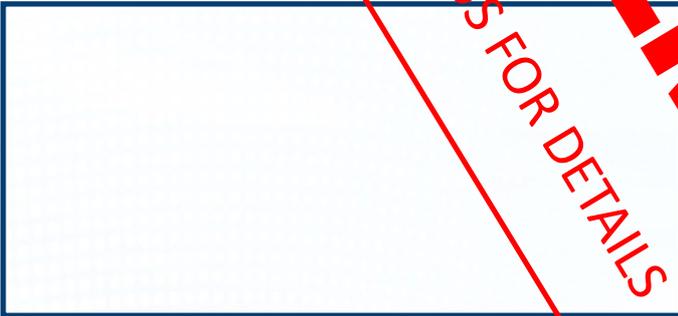
Plating option: Tin.

**MEDICAL SUSPENSION WIRES**

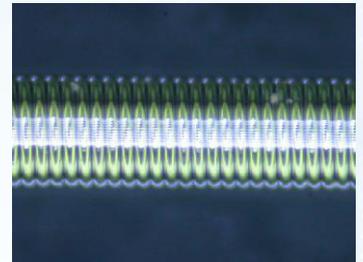
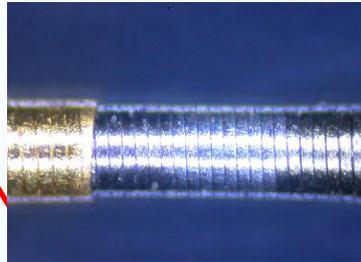
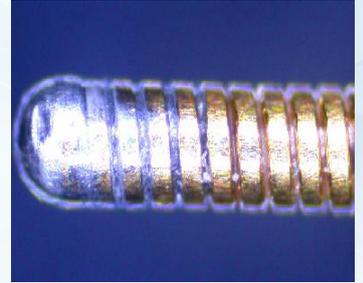


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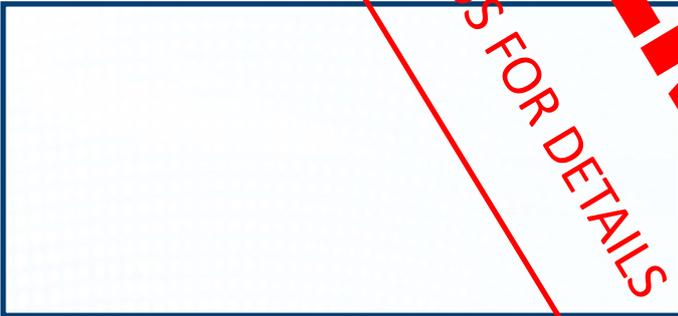


**GUIDED WIRES FOR MEDICAL OPERATIONS**



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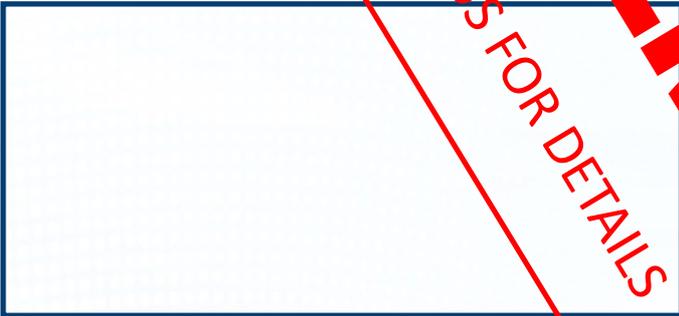


**VACUM & ELECTRIC POGO CONNECTOR**

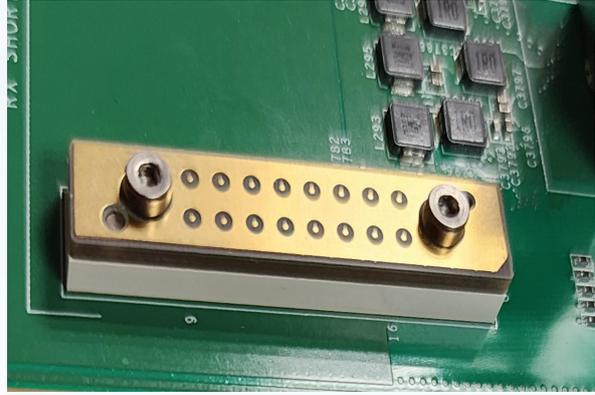


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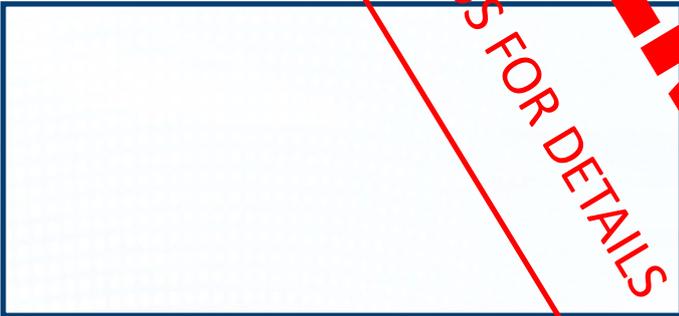


**B2B HIGH SPEED ADAPTER**

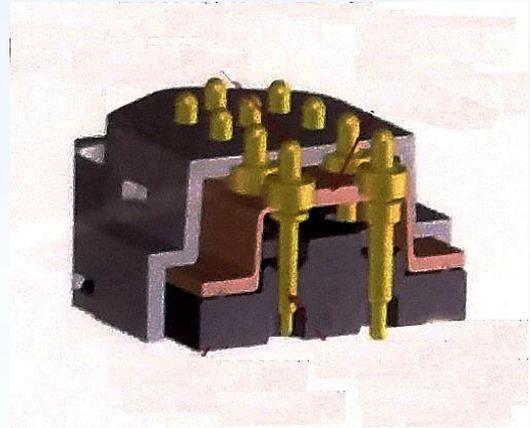


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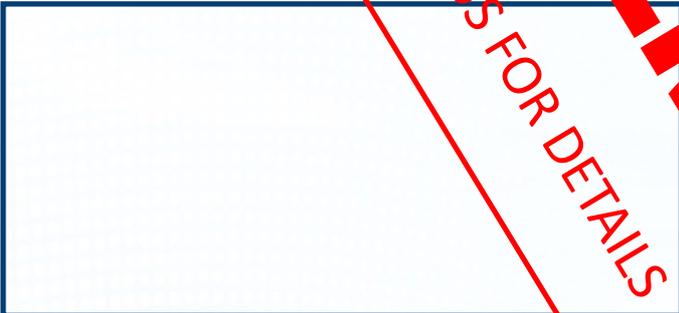
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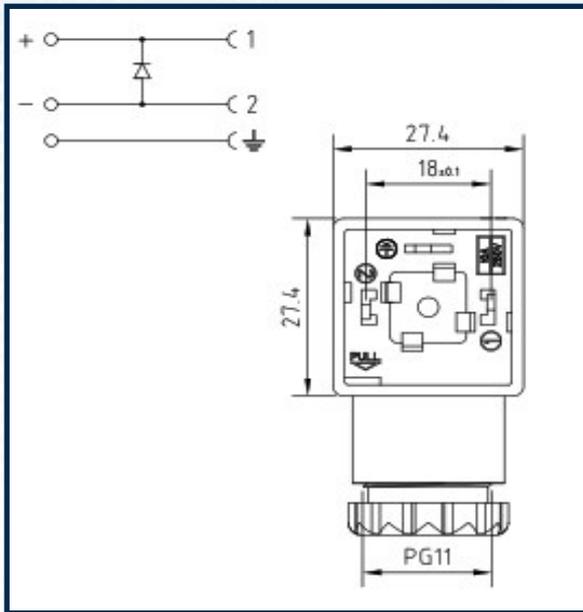
**IP68 POGO CONNECTOR**



**P/N:**



**CONFIDENTIAL**  
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**VALVE CONNECTOR FIELD-ATTACHABLE**

**P/N: CDA-7675-S000**
MECHANICAL SPECIFICATIONS:

EN175301-803, Form A.  
 Complete with gasket and fixing screw.  
 Housing height: 30mm.  
 Terminals: Screw contacts.  
 Suitable cable: 6-10mm

ENVIRONMENTAL SPECIFICATIONS:

Temperature range: -40/+120 °C  
 Water & Dust protection: IP65/67 (assembled).  
 Flammability resistance : UL94-V2

ELECTRICAL SPECIFICATIONS:

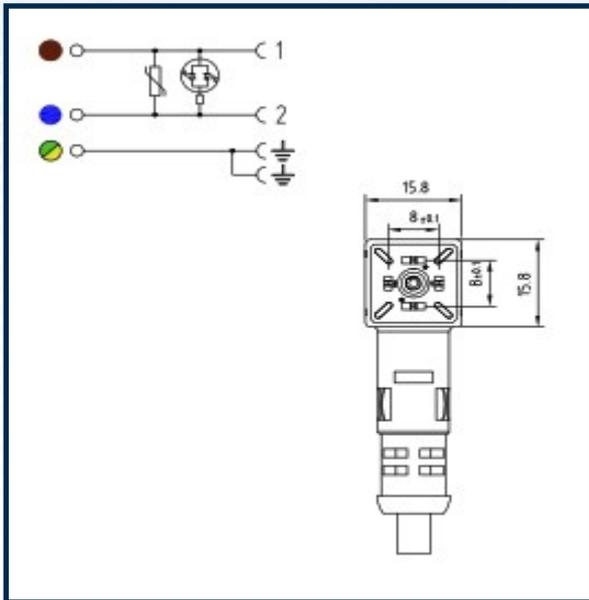
Electrical function: 2poles + P.E.  
 Voltage: 230VDC  
 Max. current rating: 16A  
 Electronics: Diode 1A.

MATERIALS:

Housing: PA66 UL94-V2.  
 Internal core: PA66 UL94-V2.  
 Terminals & Contacts: Brass Silver plated.  
 Gasket: NBR.

Options & information:

UL & ATEX approvals—Optional.  
 3poles + P.E.—Optional.  
 Flat Silicone gasket—Optional.


**VALVE CONNECTOR MOLDED CABLE**

**P/N: CDA-7680-S000**
MECHANICAL SPECIFICATIONS:

EN175301-803, Form C.  
 Complete with gasket and fixing screw.  
 Housing height: 21mm.  
 Conductor colors: Brown; Blue; Yellow-Green  
 Cable diameter: 5mm

ENVIRONMENTAL SPECIFICATIONS:

Temperature range: -40/+120 °C  
 Water & Dust protection: IP65/67 (assembled).  
 Flammability resistance : UL94-V2

ELECTRICAL SPECIFICATIONS:

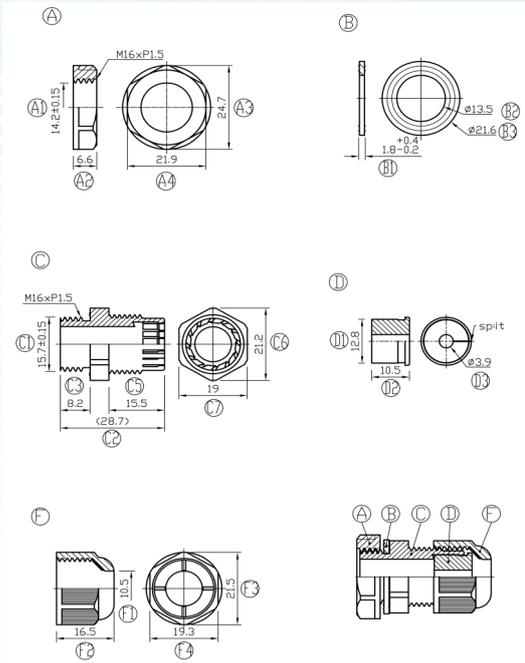
Electrical function: 2poles + 2P.E.  
 Voltage: 24VDC  
 Max. current rating: 10A  
 Electronics: Bipolar Led + Varistor.

MATERIALS:

Housing: PA66 UL94-V2.  
 Internal core: PA66 UL94-V2.  
 Terminals & Contacts: Brass Silver plated.  
 Gasket: NBR.  
 Cable type: PVC

Options & information:

Electronics: Led + Diode(1A) or Bipolar Led—Optional.  
 Cables: PVC IEC332-1 H03VVF—Optional

**GLAND FOR RJ45**

**P/N: CFU-3220-S000**
**MECHANICAL SPECIFICATIONS:**

Mounting hole: : 16.3-16.5mm

Panel thickness: 1.5~2.5mm

Cable range: 2.2-3.8mm

**ENVIRONMENTAL SPECIFICATIONS:**

Operating temperature range: -40/+105 °C

Water &amp; dust protection: IP68

**MATERIALS:**

Gland: PA66 UL94V-2.

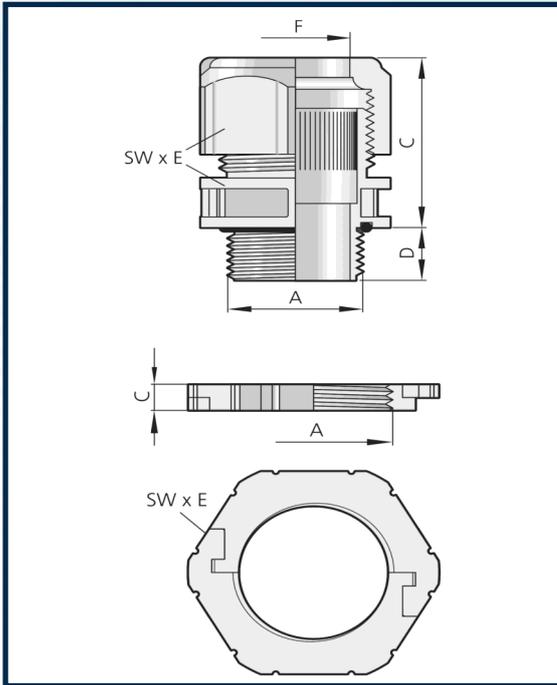
Gaskets: EPDM.

Contacts: Phosphor Bronze

Contacts plating: Gold over Nickel.

**Options & information:**

## SPLITT GLAND



**P/N: CFI-9440-S000**

### MECHANICAL SPECIFICATIONS:

A—Thread: M25x1.5.

D—11mm

F—20.6mm

C—36.5mm

C(Nut) - 4.5mm

### ENVIRONMENTAL SPECIFICATIONS:

Operating temperature range: -20/+80 °C

Water & dust protection: IP-67

### MATERIALS:

Body & Hex-nut: Steel Zinc plated.

Insert: TPE-V.

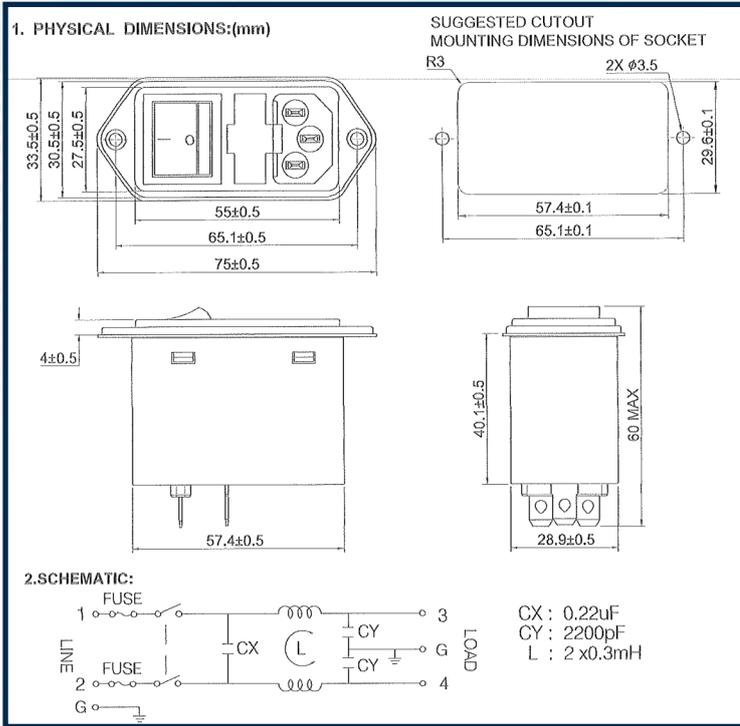
### Options & information:

Plastic case (instead of metal) available.

Other dimensions available.

Other inserts available.

## POWER ENTRY MODULES



**P/N: CKB-1330-S000**

### ELECTRICAL SPECIFICATIONS:

Current rating: 10A.  
 Dual-fuse holder and a 2-pole rocker switch.  
 Leakage current: Each line to ground: 0.6mA Max.  
 Hipot rating (For 1 minute): L-to-L 1450VDC, L-to-G 2250VDC  
 Insulation resistance: 250VDC/100m OHM  
 Direct current resistance: 0.1 Ohm Max.

### ENVIRONMENTAL SPECIFICATIONS:

Operating temperature range: -25/+85 °C

### Options & information:

Fast-On terminals.  
 Rated Currents 1,2,4 & 6 are available.  
 Illuminated or non-illuminated rocker switch available.