



# HDMI series

HDMI

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## HDMI

### Product Specifications

Connector Type	HDMI A Type	Withstanding Voltage	AC 300V/1 minute
Shell / Screw Nut	Nylon+GF	Temperature Range	General -40°C ~ +105°C With Cable -20°C ~ +80°C
Terminal	Copper Alloy, Gold Plated	Salt Spray	48 hr.
Mating Style	3Pos. Lock	Protection Class	IPX7(unmated)
Max Panel Thickness	4,5mm (Without Cap Chain)	Durability	1000 times
Current Rating	0,5A	Standard	-
Voltage Rating	30V		
Contact Resistance	≤ 20mΩ		

### How to Order

**HDD X X 120HA - K X X 7 XXX**

**Style**  
A - Molding Cable With S/R  
P - Panel Front Mounting

**Connector Style**  
P - Plug Connector  
J - Jack Connector

**Back Shell**  
L - Straight  
C - Circular

**Assembly Style**  
C - Molding Type Simple Cut  
D - Plug Non-Waterproof  
J - Jack Female  
P - 180 Degree PCB Type  
W - Wire + Housing

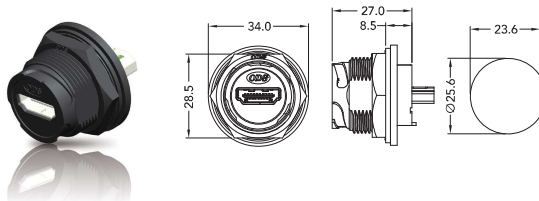
**Without Cable**  
001, 002, ...  
**For Cable**  
A01~A05 = 1M~5M  
B01~B03 = 1M~3M

**Cable Style**

AXX = UL20276 (26AWG\*1P+Drain+AL/Mylar)\*4+26AWG\*1P+26AWG\*5C+AL/Mylar+Braid  
BXX = UL20276 (32AWG\*1P+Drain+AL/Mylar)\*4+32AWG\*1P+32AWG\*5C+AL/Mylar+Braid

## HDMI Receptacle (Plastic)

Front Fastened, IPX7



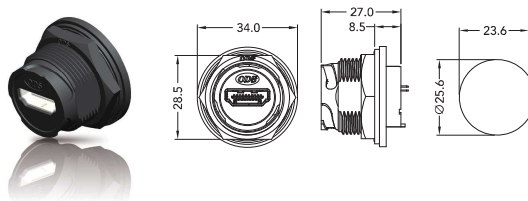
- Features and Benefits**
- Rugged, compact design, plastic panel mount receptacle
  - 3-Point Lock mating style
  - IPX7 rated for harsh environments
  - Up to 1,000 mating cycles

Part Number	Description
HDDPJ120HA-KCJ7001	Socket Conn. With Jack

For mating parts, see page E5

## HDMI Receptacle (Plastic)

Front Fastened, IPX7



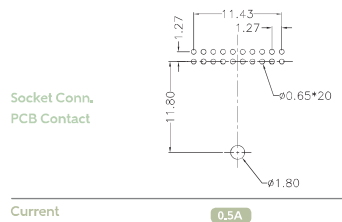
- Features and Benefits**
- Rugged, compact design, plastic panel mount receptacle
  - 3-Point Lock mating style
  - IPX7 rated for harsh environments
  - Up to 1,000 mating cycles

Part Number	Description
HDDPJ120HA-KCP7001	Socket Conn, PCB Contact

For mating parts, see page E5

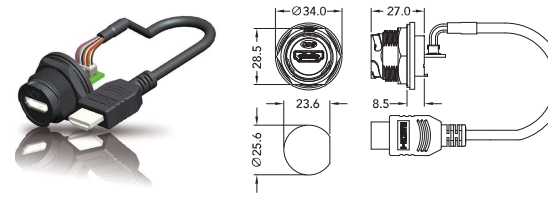
## PCB LAYOUT

### HDMI



## HDMI Receptacle (Plastic)

Front Fastened, IPX7



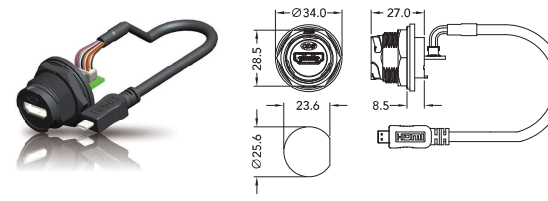
- Features and Benefits**
- Rugged, compact design, plastic panel mount receptacle with pre-terminated HDMI mini plug end
  - 3-Point Lock mating style
  - IPX7 rated for harsh environments
  - Up to 1,000 mating cycles

Part Number	Description
HDDPJ120HA-KCW7001	Socket Conn. With Cable & HDMI(A) Plug End

For mating parts, see page E5

## HDMI Receptacle (Plastic)

Front Fastened, IPX7



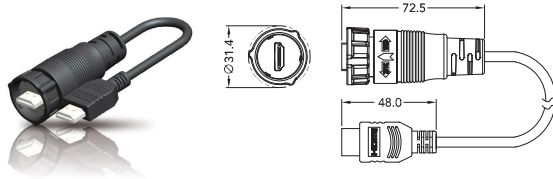
- Features and Benefits**
- Rugged, compact design, plastic panel mount receptacle with pre-terminated HDMI micro plug end
  - 3-Point Lock mating style
  - IPX7 rated for harsh environments
  - Up to 1,000 mating cycles

Part Number	Description
HDDPJ120HA-KCW7002	Socket Conn. With Cable & HDMI(A) Plug End

For mating parts, see page E5

## HDMI Cable Assy (Plastic)

Straight, IPX7



### Features and Benefits

- Rugged, compact design, plastic HDMI cable assemblies
- Simple cut or with HDMI plug-end
- 3-Point Lock mating style
- IPX7 rated for harsh environments
- Up to 1,000 mating cycles

Part Number	Description	Part Number	Description
HDDAP120HA-KLC7AXX	Socket Conn, With Cable	HDDAP120HA-KLC7BXX	Socket Conn, With Cable
HDDAP120HA-KLD7AXX	Socket Conn, With Cable & HDMI(A) Plug End	HDDAP120HA-KLD7BXX	Socket Conn, With Cable & HDMI(A) Plug End

For mating parts, see page E3, E4

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## HDMI Accessories Cap

IPX7 (Mated)

### Features and Benefits

- One sealing surface means less likelihood of failure
- Maintains IPX7 rating for functional integrity when connector is not mated
- IPX7 ratings ensures cable assemblies are water and dust tight for functional integrity

Part Number	Series	Description	Part Number	Series	Description
CPDPPMCKN71	D	Female Plastic 3P Lock Cap, With Metal Chain	CPDPPMCKP71	D	Female Plastic 3P Lock Cap, With Rubber Chain



Part Number	Series	Description
CPDPPMCKM71	D	Female Plastic 3P Lock Cap



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