



# DISPLAY PORT

SERIES

## DisplayPort Connector

### Product Specifications

#### General Data

Number of Positions	20P
Contact Housing	LCP
Shell / Screw Nut	Zinc Alloy, Nickel Plated
Terminal	Copper Alloy, Gold Plated

#### Electrical Data

Current Rating	0.5A
Voltage Rating	40V
Contact Resistance	≤ 30mΩ
Insulation Resistance	≥ 100MΩ at DC 500V (Unmated) ≥ 10MΩ at DC 150V (Mated)
Withstanding Voltage	DC 500V/1 Minute
Standard	-

#### Environmental Data

Mating Style	3-Point Bayonet Lock
Max Panel Thickness	7.5mm (Without Cap Chain)
Temperature Range	With Jack -40°C ~ +85°C With Cable -20°C ~ +80°C
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times

## How to Order

**DMD X X XX 0PA - K X X XXX**

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

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

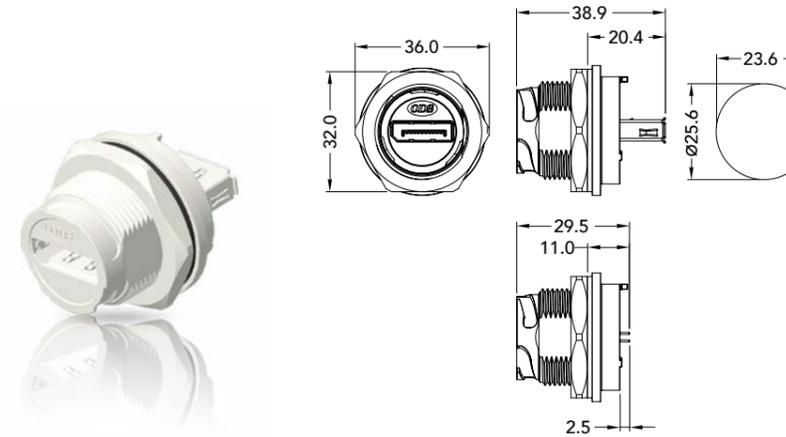
**DP Grade**  
12 - DP1.2  
14 - DP1.4

**Mating Style**  
L - Straight  
C - Circular

**Assembly Style**  
P - Plug Connector  
C - Molding Type With Simple Cut  
D - Plug Non-Waterproof  
J - Jack Female  
P - 180° PCB Type  
S - Panel With Cable + Plug

**Without Cable**  
001, 002, ....  
**Panel With Cable**  
A0A~A0E=0.1M~0.6M  
A01~A03 = 1M~3M  
**For Cable**  
A01~A03= 1M~3M

## DisplayPort Receptacle Front Fastened, IPX7

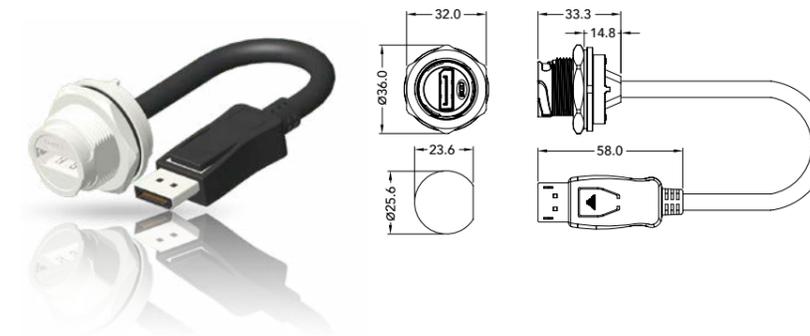


#### Features and Benefits

- Size 1"-20UNEF
- Rugged, compact design, metal panel mount receptacle
- Shielded shell for high noise immunity
- 3-Point Bayonet Lock
- Up to 1,000 mating cycles

Part Number	Contact	Current	Voltage	Ass'y Type
DMDPJ140PA-KCJ7001	20Pin	0.5A	40V	Jack Straight
DMDPJ120PA-KCP7001	20Pin	0.5A	40V	PCB Straight

## DisplayPort Receptacle Front Fastened, IPX7

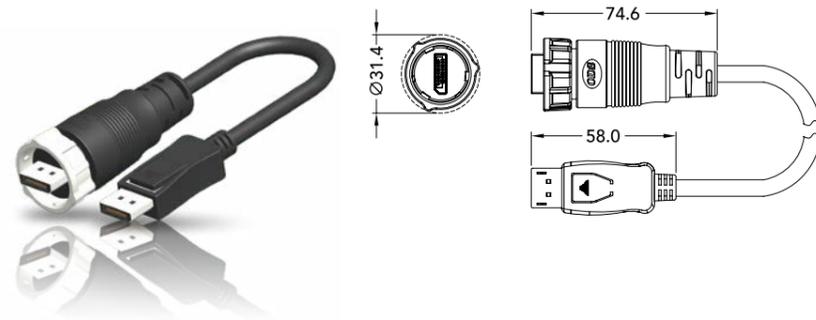


#### Features and Benefits

- Size 1"-20UNEF
- Rugged, compact design, metal panel mount receptacle
- Shielded shell for high noise immunity
- 3-Point Bayonet Lock
- Up to 1,000 mating cycles

Part Number	Contact	Current	Voltage	Ass'y Type
DMDPJ140PA-KCS7AXX	20Pin	0.5A	40V	Cable End Plug

## DisplayPort Cable Assembly Straight, IPX7



### Features and Benefits

- Size 1"-20UNEF
- Rugged, compact design, metal cable assemblies with simple cut or plug-end
- Shielded shell for high noise immunity
- 3-Point Bayonet Lock
- Up to 1,000 mating cycles

Part Number	Contact	Current	Voltage	Ass'y Type
DMDAP120PA-KLC7AXX	20Pin	0.5A	40V	Simple Cut
DMDAP120PA-KLD7AXX	20Pin	0.5A	40V	Cable End Plug

## DisplayPort Accessory 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	Size	Description	Part Number	Size	Description
CPDMPMCKM71	1"-20UNEF	Female Metal 3P Lock Cap, With Metal Chain	CPDMPMCKN71	1"-20UNEF	Female Metal 3P Lock Cap



Part Number	Size	Description	Part Number	Size	Description
CPDMPMCKP71	1"-20UNEF	Female Metal 3P Lock Cap, With Rubber Chain	CPDMPMCKM72	1"-20UNEF	Female Metal 3P Lock Cap, With Metal Chain



