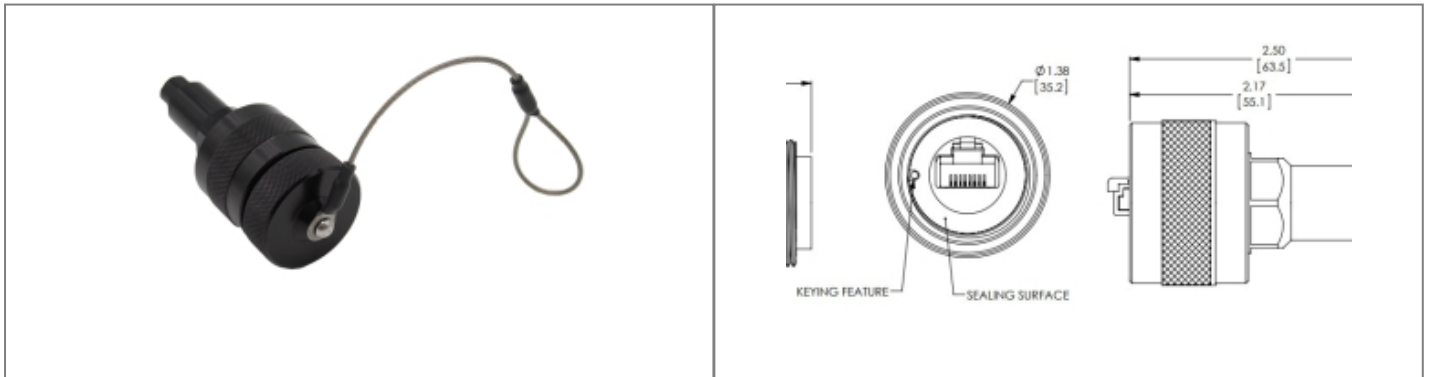


# PXM06006MANBK4868 Datasheet

**Product Name // Black Anodised Aluminium Plug  
Connector with Cap - Cable Entry: 4.82-6.85mm - Cat6a  
Male**

 [View Product Page](#)



## // Product Description:

-  Black Anodised Aluminium Plug Connector with Cap - Cable Entry: 4.82-6.85mm - Cat6a Male
-  IP68 rated when mated
-  Crimp Terminals
-  Durability >500 cycles
-  Operating temperature -40°C to +100°C
-  Supports 10, 100 and 1,000 Mbps data transmissions
-  POE, POE+, and POE++
-  Hardware: Stainless Steel, Seals: Silicone, Lanyard: Stainless Steel (Nylon coated & 6.0" length)

## // General Information:

<b>Product Display Title:</b>	Black Anodised Aluminium Plug Connector with Cap - Cable Entry: 4.82-6.85mm - Cat6a Male
<b>Product Family:</b>	Circular Data Connectors
<b>Product Series:</b>	600 Series - Ethernet Buccaneer Connectors
<b>Body Colour:</b>	Black
<b>Body Length:</b>	61.7mm
<b>Body Material:</b>	Aluminium
<b>Body Material Type:</b>	Metal Body
<b>Connection Method:</b>	Crimp
<b>Contact Type:</b>	Male
<b>Coupling Type:</b>	Screw
<b>Diameter Over Coupling Ring Mm:</b>	35mm
<b>Durability:</b>	>500 cycles
<b>Ethernet Category:</b>	Cat 6a
<b>Function:</b>	Plug Connector
<b>Ip Rating:</b>	IP68
<b>Material Finish:</b>	Anodised
<b>Max Cable Entry Size:</b>	6.88mm
<b>Min Cable Entry Size:</b>	4.83mm
<b>Min Operating Temperature:</b>	-40°C
<b>Operating Humidity:</b>	43°C - 98%
<b>Max Operating Frequency:</b>	+100°C
<b>Rohs Compliant:</b>	Yes
<b>Salt Spray Corrosion Test:</b>	500hr
<b>Shock Resistance:</b>	100G - 6ms

### // Product PDF Links

 [Standard Series USB connectors...](#)

### // Product 3D CAD Model Links

 [PXM06006MANBK48683D CAD Model](#)