Datasheet

RS PRO IP67 USB-A 3.0 – Plastic Panel Mount with DIP

The RS PRO series of waterproof plastic USB-A connectors are a range of ruggedised IP67 connectors designed to be used outdoors or in harsher industrial environments. Designed to fit panel cut outs of 20.75mm the plastic USB-A series also comes with rear potting on the panel mount connectors. This ensures your panel is still sealed to an IP67 rating even when the connector is unmated, and the sealing cap is not connected. The threaded mating allows for a secure connection while the Gold-plated contacts and USB Version 3.0 ensures 5Gbps data speeds.
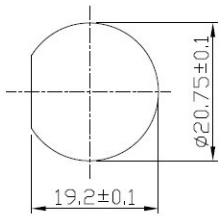
Features & Benefits:

- **PA66 Housing**
- **IP67**
- **Rear-potted**
- **Threaded Mating**
- **USB-A 3.0**
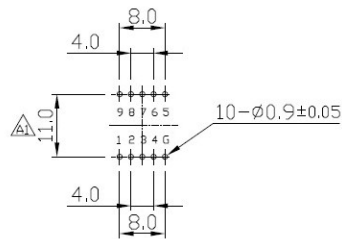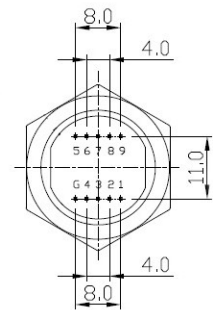- **Speeds up to 5Gbps**

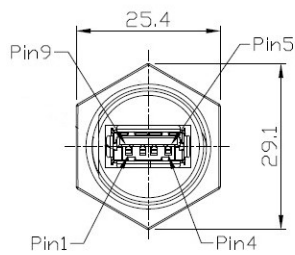## Quality Standards

RoHS
Compliant

Dimensional line drawings

231-7887

Recommend
Panel Cut-Out
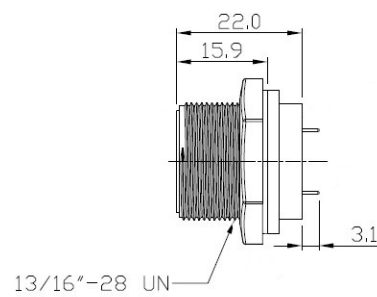
Recommend
PCB Layout

USB 3.0 TYPE A			
Pin	Signal Name	Description	Mating Cable Color
1	VBUS	Power	Red
2	D-	USB 2.0	White
3	D+	Differential Pair	Green
4	GND	Ground For Power Return	Black
5	StdA_SSRX-	SuperSpeed Receiver	Blue
6	StdA_SSRX+	Differential Pair	Yellow
7	GND_Drain	Ground For Signal Return	Drain-Wire
8	StdA_SSTX-	SuperSpeed Transmitter	Purple
9	StdA_SSTX+	Differential Pair	Orange
G	Shell	Connector Metal Shell	Drain-Wire