

# Amphenol LTW IP68 Micro USB 2.0 “SWIFT”



Amphenol LTW (ALTW) introduces IP68 Micro USB 2.0, SWIFT, preventing your portable or wearable devices from the damage of water ingress. Utilizing high-strength stainless steel shell, ALTW's micro USB 2.0 SWIFT provides the lowest profile for your space-constraint applications. Its SMT design with through-hole mounting tabs achieves better performance of rugged durability and quality.

## Part Numbers:

MUC-20PFFR-JS7002 (IP67, 1M/30mins)  
MUC-20PFFR-JS8A02 (IP68, 1M/24hrs)  
MUC-20PFFR-JS8B02 (IP68, 5M/24hrs)  
MUC-20PFFR-JS8C02 (IP68, 10M/3hrs)

## Applications :

- Mobile devices
- Wearable devices
- Night vision devices
- GPS units
- Medical devices
- Home electronic devices
- Digital cameras & camcorders

## Specifications :

General Characteristics	
Current Rating	1Pin & 5Pin: 1.8A 2Pin, 3Pin & 4Pin: 1A
Voltage Rating	30 Vac/5 Vdc
Durability	10,000 Cycles
Waterproof Rating	IP67/IP68, Unmated
Temperature Range	-30°C ~ 85°C
Material Specification	
Housing	Thermoplastic, Black
Terminal	Copper Alloy, Gold over Nickel Plated
Shell	Stainless Steel, Gold Plated
Gasket	Silicone

Technical Characteristics - Electrical	
Dielectric Withstand Voltage	≤ 0.5mA
Contact Resistance	30 mΩ Max.
Insulation Resistance	1,000 MΩ Min.
Technical Characteristics - Mechanical	
Mating Force	3.5 kgf Max.
Unmating Force	0.82 kgf Min.
Environmental Conditions and Performance	
Damp Heat, Cyclic	25°C~65°C and 80%~98% RH for 24 hours
Salt Spray	48 hours
Note: Design and specifications are subject to change without notice.	

For more information, please contact:

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**Innovation in Waterproof Solution**

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