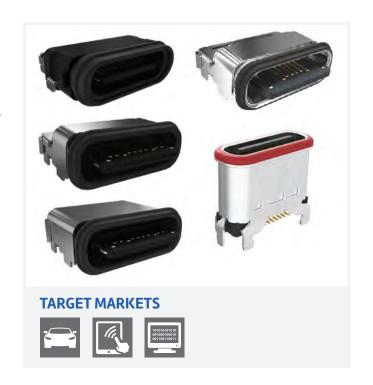


# Waterproof USB Type C

# WITH IPX8 AND SUPPORTS USB 2.0,USB 3.2 GEN 1,USB 3.2 GEN 2 AND USB 4

The usability of Waterproof Type C is with strong IP performance and unique IP technology to ensure each part meets the high quality of waterproof performance.

- IPX8 Waterproof
- High-speed transmission up to 40Gb/s super speed
- Power rating up to 240W
- Optimized contact design for superior signal integrity performance
- Reversible plug and cable orientation



#### **FEATURES**

- Unique Liquid silicone rubber technology
- Support a variety of USB protocols
- High power and fast charging
- Mid-plate tongue design
- Unique O-ring technology (LIM) for waterproof
- All-in-one simplicity

#### **BENEFITS**

- Offers superior bonding with outer shell to prevent water ingression
- Offers product portfolio for USB 2.0, USB 3.2 Gen 1, USB 3.2 Gen 2,USB 4 products
- Extended 5A current rating for USB power delivery and up to 240W
- Ensure high reliability while preventing damage from connector mishandling
- Reach IPX4 ~ X8 rating
- Support power delivery, data transfer, video output in one connector

## TECHNICAL INFORMATION

#### **MATERIAL**

■ Housing: LCP UL94-V0

• Molding Housing: Black, High temperature plastic

• Top Terminal: Copper Alloy

• Bottom Terminal: Copper Alloy

• Mid Plate: Stainless Steel • Outer Shell: Stainless Steel • Main Shell: Stainless Steel

• Small Shell: Stainless Steel

### **MECHANICAL PERFORMANCE**

Durability: 10000 cycles ■ Insertion Force: 5~20N ■ Extraction Force: 8~20N

### **ELECTRICAL PERFORMANCE**

• Low Level Contact Resistance:  $40m\Omega$  max.

• Insulation Resistance:  $100m\Omega$  min.

• Contact Current Rating: 5A max.

• Dielectric Withstanding Voltage: 100VAC

#### **PACKAGING**

■ Tape & Reel

#### **SPECIFICATION**

Amphenol Product Specification

#### **APPROVALS AND CERTIFICATIONS**

RoHS

Halogen-free

#### **ENVIRONMENTAL**

■ Operating Temperature Range: -40°C to +85°C

#### **TARGET MARKETS/APPLICATIONS**



**Automotive Infotainment** 



Notebook Docking Tablet Peripherals (Monitor/Display, Projector...) Home Entertainment



Storage

# **PART NUMBERS**

Description	Part Numbers
USB 4 Gen 3, Type C, Receptacle, R/A, Mid mount, Center Height 0.4mm, Dual Row SMT, IPX8	12402060E512A
USB 4 Gen 3, Type C, Receptacle, R/A, Mid mount, Center Height 0.4mm, Dual Row SMT, IPX8	12402136E512A
USB 4 Gen 3, Type C, Vertical, Length 7.5mm, Dual Row SMT, IPX8	2402082E512A
USB 3.2 Gen 1, Type C, Receptacle, R/A, Top mount, Center Height 1.5mm, Dual Row SMT, IPX4	124019362112A
USB 3.2 Gen 1, Type C, Receptacle, R/A, Top mount, Center Height 1.5mm, Dual Row SMT, IPX8	124018802112A
USB 3.2 Gen 1, Type C, Receptacle, R/A, Top mount, Center Height 1.5mm, Dual Row SMT, IPX8	124018792112A
USB 3.2 Gen 1, Type C, Receptacle, R/A, Top mount, Center Height 1.5mm, Dual Row SMT, IPX8	124018612112A
USB 3.2 Gen 1, Type C, Receptacle, R/A, Mid mount, Center Height 0.4mm, Dual Row SMT, IPX4	124019032112A
USB 3.2 Gen 1, Type C, Receptacle, R/A, Mid mount, Center Height 0.4mm, Dual Row SMT, IPX8	124018312112A
USB 3.2 Gen 1, Type C, Receptacle, R/A, Mid mount, Center Height 0.4mm, Dual Row SMT, IPX8	124019142112A
USB 2.0, Type C, Receptacle, R/A, Top mount, Center Height 1.5mm, Dual Row SMT, IPX8	124019772112A
USB 2.0, Type C, Receptacle, R/A, Top mount, Center Height 1.5mm, Dual Row SMT, IPX8	124020242112A
USB 2.0, Type C, Receptacle, R/A, Top mount, Center Height 1.5mm, Dual Row SMT, IPX8	12402214E512A
USB 2.0, Type C, Receptacle, R/A, Top mount, Center Height 1.58mm, Dual Row SMT, IPX8	12402050E512A

# 单击下面可查看定价,库存,交付和生命周期等信息

>>Amphenol(安费诺)