

## TECHNICAL INFORMATION

### MATERIAL

- Housing : High Temperature Thermoplastic
- Shell : Stainless Steel
- Terminal: Copper Alloy

### MECHANICAL PERFORMANCE

- Mating Force: 5 to 20N
- Durability: 10,000 mating cycles

### PACKAGING

- Receptacle: Tape/Reel
- Plug: Tray

### ELECTRICAL PERFORMANCE

- Low Level Contact Resistance:
  - Initial 40mΩ max.
  - $\Delta R = +/ - 10m\Omega$  max. after environmental stress
- Insulation Resistance: 100MΩ min.
- Transfer SuperSpeed: 5Gb/s
- Voltage Rating: 100VAC/DC
- Current Rating:
  - 5.0A for VBUS and GND
  - 1.25A for Vconn and GND
  - 0.25A for all other contacts
- Dielectric Withstand Voltage: 100VAC

### ENVIRONMENTAL

- Operating Temperature -55°C to 85°C

### SPECIFICATIONS

- Product Specification: GS-12-1336
- Packaging Specification: GS-14-2487

### TARGET MARKET/APPLICATIONS



Infotainment



Laptop  
Flash Drive  
Adaptor  
Phone  
Tablet  
Portable Power Bank  
Portable HDD  
Wearable Device  
Motherboard Add-on Card  
Storage Adaptor  
Storage Enclosure



Factory Automation Equipment  
Industrial Equipment

## PART NUMBERS

Description	Orientation	Mounting Style	Part Numbers
USB 3.1 Type C Gen 1 receptacle	Right angle	Top mount SMT + DIP (Long shell)	10137060-00021LF
USB 3.1 Type C Gen 1 receptacle	Vertical	Top mount dual SMT	10138002-10011LF
USB 3.1 Type C Gen 1 plug	-	-	10137067-00021LF
USB 3.1 Type C Gen 1 receptacle	Right angle	Mid mount dual SMT (Short body)	10137064-00021LF
USB 3.1 Type C Gen 1 receptacle	Right angle	Top mount SMT + DIP (Short shell)	10137061-00021LF
USB 3.1 Type C Gen 1 receptacle	Right angle	Top mount SMT + DIP (Short body)	10137062-00021LF
USB 3.1 Type C Gen 1 receptacle	Right angle	Top mount dual SMT (Short body)	10137065-00021LF
USB 3.1 Type C Gen 1 receptacle	Right angle	Top mount SMT+ DIP (Angled entrance)	10137066-00021LF

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