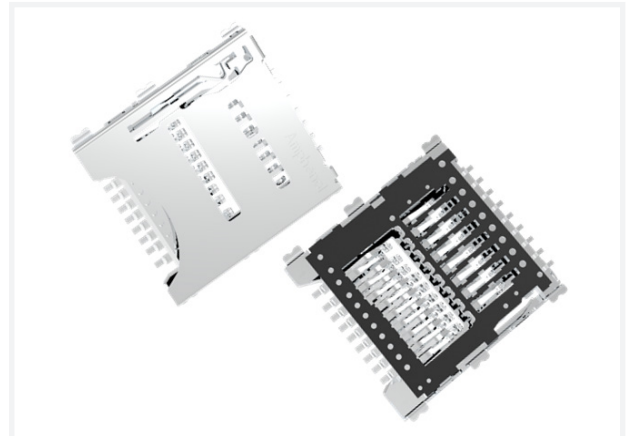


Micro SD Express 3-in-1 Solution

MICRO SD EXPRESS 3-IN-1 SOLUTION, PUSH PULL, WITH DETECT PIN

Micro SD express 3-in-1 solution, not only can backward compatible to UHS-I(SD3.0), but also UHS-II(SD4.0). Industry 1st compatible solution provider.

- Backward compatible to UHS-I/ UHS-II
- Meet Micro SD7.1 specifications
- PCIe®- Gen3 x 1 lane/ Gen4 x 1 lane
- 985Mb/s; 1970Mb/s
- NVMe application protocol



TARGET MARKETS



FEATURES

- Backward compatible to UHS-I/UHS-II
- PCIe® Gen3/Gen4 interface
- NVMe application protocol
- 5,000 mating cycles
- Detect pin function
- RoHS compliant and lead-free
- Halogen-free resin material

BENEFITS

- User friendly and flexible design
- Transfer rate: 985Mb/s, 1970Mb/s
- Flexible design, better transfer rate
- High reliability
- Better protect and read function when memory card insert
- Meets health and safety requirements
- Meet environmental, healthy and safety requirement

TECHNICAL INFORMATION

MATERIAL

- Contact: Corson Alloy
- Housing : High Temperature Thermal Plastic, UL94V-0, Black
- Plating: Gold plating

MECHANICAL PERFORMANCE

- Durability: 5,000 cycles
- Mating Force: 40N max.
- Unmating Force: 0.5~40N
- Normal Force: 30gf/Pin min.

ELECTRICAL PERFORMANCE

- Insulation Resistance: 100M Ω min.(initial)
- Contact Resistance: 100m Ω max. (initial)
- Current Rating: 0.5A

PACKAGING

- Tape/Reel

ENVIRONMENTAL

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

TARGET MARKETS/APPLICATIONS



Notebook PC
Drones
Game Console
Digital Camera
Pad
Infotainment
Smart Phone
Automotive Recorder



Server

PART NUMBERS

Description	Part Numbers
Micro SD express 3-in-1 solution, Push pull	10102166A812A
Micro SD express push pull	101019961912A
Micro SD express push push	101020156912A