

Universal Flash Storage (UFS) Connector

NEXT-GENERATION MEMORY CARD; BACKWARD COMPATIBLE

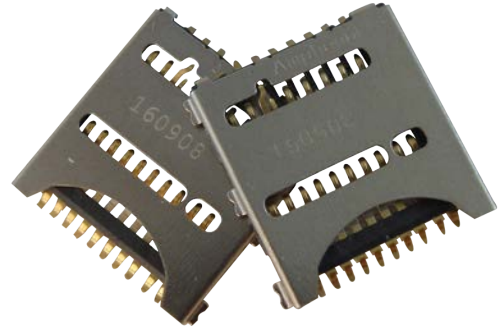
Universal Flash Storage (UFS) Connector is designed to meet the increasing demands for higher speeds and storage capacity in commercial and non-commercial devices.

It supports high read/write and transmission speed required by next-generation applications and is backward compatible with Micro SD.

- First to offer card socket products used for both UFS and Micro SD cards
- Backward compatible connector design
- 5x faster than existing memory card types
- Supports next-generation UFS cards
- High durability

FEATURES

- New connector design for next-generation UFS cards
- 19pin connector, backward compatible with Micro SD
- Data transfer speeds of up to 6Gb/s
- Robust mating mechanism that ensures reliable connector
- Up to 5000 mating cycles

NEW


TARGET MARKETS



BENEFITS

- Supports next-generation performance
- Provides higher adaptability and practicability
- 5x faster than existing memory card types
- Supports high durability performance
- Specially targets demanding application that requires higher speed and storage capacities

*For more information, please visit <https://ufsa.org>

▶ Universal Flash Storage (UFS) Connector

TECHNICAL INFORMATION

MATERIAL

- Housing: High Temperature Thermoplastic, UL94V-0, Black
- Contact: Corson Alloy
- Shell: Stainless steel

MECHANICAL PERFORMANCE

- Durability: 5000 mating cycles
- Normal Force: 30gf/pin min.

APPROVALS AND CERTIFICATIONS

- RoHS

PACKAGING

- Tray/Tape

ELECTRICAL PERFORMANCE

- Contact Resistance: 100mΩ max.
- Dielectric Withstanding Voltage: 500VAC max. (1 minute)
- Insulation Resistance: 1000mΩ min.
- Current Rating: 0.5A AC/DC max.
- Voltage Rating: 100V rms min.

ENVIRONMENTAL

- Storage Temperature: -40°C to + 85°C
- Operating Humidity Range: 95% R.H. max.
- Operating Temperature: -25°C to + 85°C

SPECIFICATION

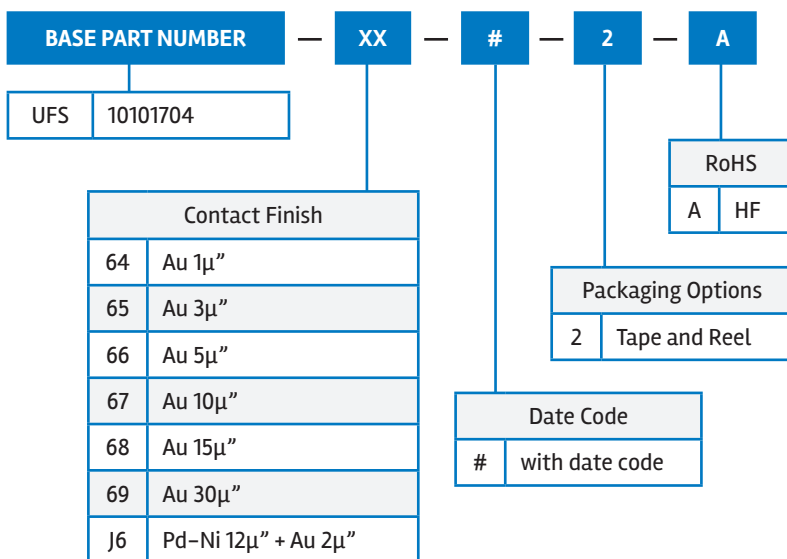
- Amphenol Product Specification: UFS Card Series Spec

TARGET MARKETS/APPLICATIONS



Mobile Phones
Tablets
Virtual reality cameras
Augmented reality cameras
Unmanned aerial vehicles (UAV)

PART NUMBER SELECTOR





CM10UFS07TEA4

Disclaimer

Please note that the above information is subject to change without notice.

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