

Universal Flash Storage (UFS) Connector

NEXT-GENERATION MEMORY CARD; BACKWARD COMPATIBLE

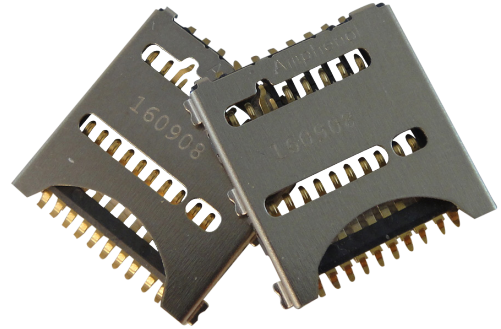
Universal Flash Storage (UFS) Connector is designed to meet the increasing demands for higher speeds and storage capacity in commercial and non-commercial devices.

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>

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

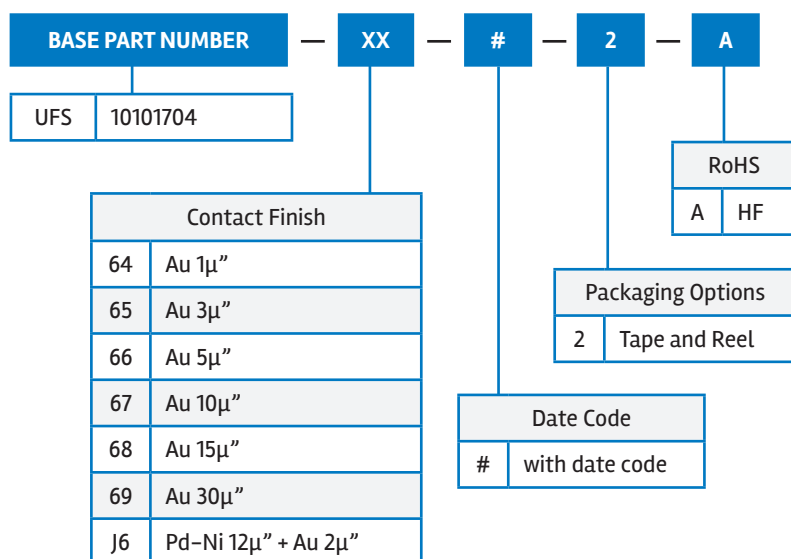
- Amphenol Product Specification: UFS Card Series Spec

TARGET MARKETS/APPLICATIONS



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

PART NUMBER SELECTOR



CM10UFS077E44