

# Universal Flash Storage (UFS) Connector

## NEXT-GENERATION MEMORY CARD; BACKWARD COMPATIBLE

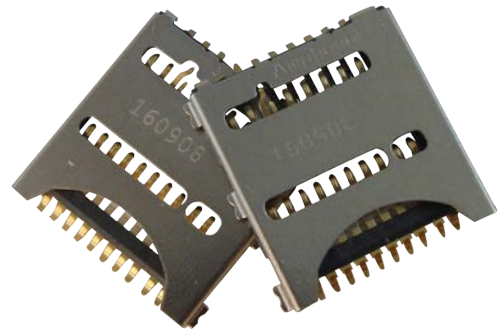
Universal Flash Storage (UFS) Connector is designed to meet the increasing demands for higher speeds and storage capacity in commercial and non-commercial devices.

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

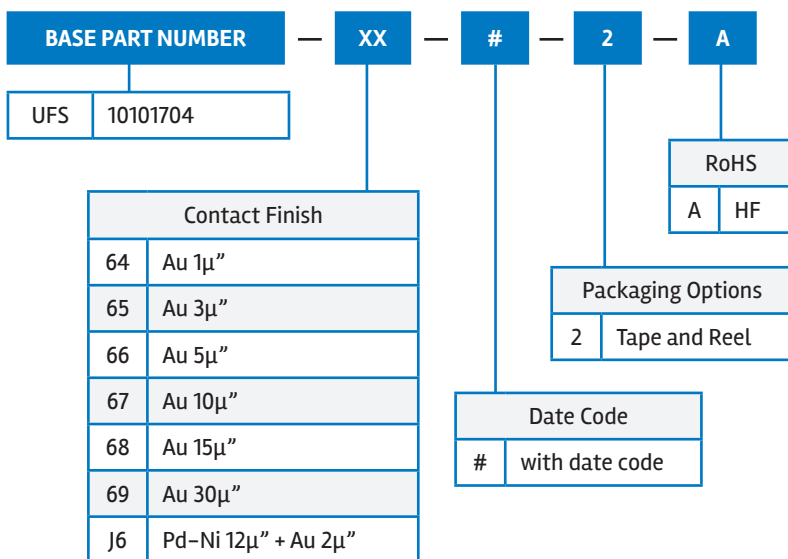
- Amphenol Product Specification: UFS Card Series Spec

#### TARGET MARKETS/APPLICATIONS



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

### PART NUMBER SELECTOR



CM10UFS07TEA4

#### Disclaimer

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Memory Card Connectors](#) category:*

*Click to view products by [Amphenol](#) manufacturer:*

Other Similar products are found below :

[M21-033321-005](#) [6407-249V-25273P](#) [6407-249V-25343P](#) [6426-201-21343](#) [69.920.0553.0](#) [FCN-568P068-G/07-4V](#) [809180410000000](#)  
[N7E50-7516PG-20-WF](#) [21920-5](#) [2041353-2](#) [33CFAE-DN](#) [502431-1011](#) [EN2997S61212BN](#) [EN2997SE61212BN](#) [617230001](#) [95622-003LF](#)  
[N7E50-U516RB-50-SIN0005](#) [95079-00CALF](#) [84648-056HLF](#) [68-580163-21S](#) [33DVIR-29S12R](#) [125A-78C00](#) [MI20A-50PD-SF-EJL\(71\)](#)  
[KP10S-SF-PEJ\(812\)](#) [504536-0691](#) [504580-0691](#) [CCM03-3109 B LFT](#) [2309923-1](#) [61126-050CAHLF](#) [IC1GA-68PD-1.27DS-EJ\(72\)](#)  
[GTFP08432B1HR](#) [G85DT17001P1EU](#) [G85B21611142HHR](#) [GSD090144HR](#) [G85D1140022P1HR](#) [GMCB05801124EU](#) [112K-TAA0-RA1](#)  
[115S-ACA2](#) [115S-ACA3](#) [115S-BS00](#) [115S-BT00](#) [115V-AD00](#) [MCSP-Q1-08-A-SG-T/R](#) [503960-0695](#) [101B-TAA0-R](#) [101D-TAAA-R01](#)  
[101D-TAAB-R01](#) [104D-TCA0-R06](#) [104B-TAA0-R](#) [112C-TBAR-R02](#)