Universal Flash Storage (UFS) Connector

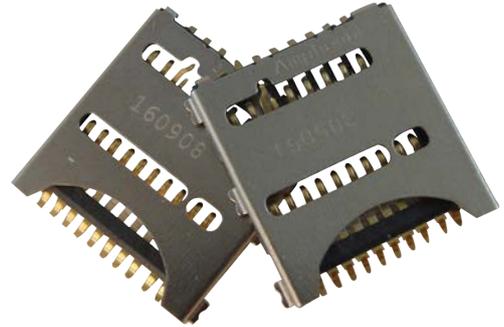## NEXT-GENERATION MEMORY CARD; BACKWARD COMPATIBLE

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

NEW

TARGET MARKETS

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

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.

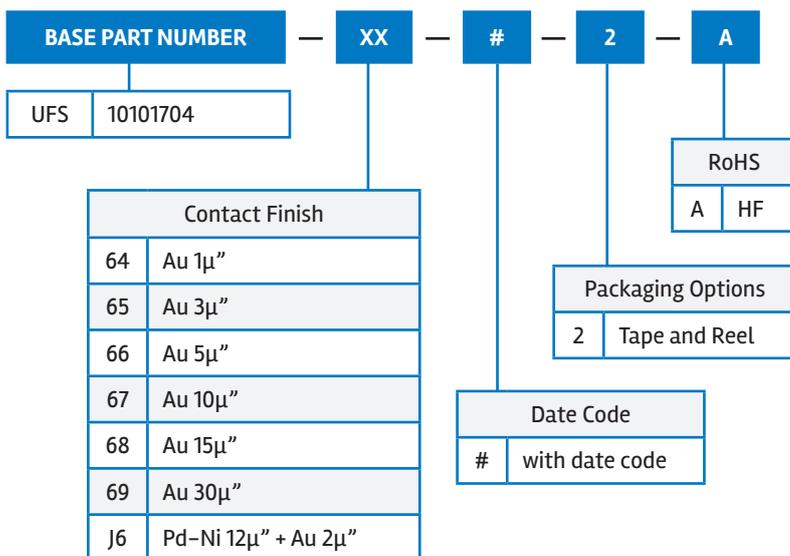- Operating Temperature: –25°C to + 85°C

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

BASE PART NUMBER	—	XX	—	#	—	2	—	A

UFS	10101704

Contact Finish

64	Au 1µ"
65	Au 3µ"
66	Au 5µ"
67	Au 10µ"
68	Au 15µ"
69	Au 30µ"
J6	Pd–Ni 12µ" + Au 2µ"

Date Code

#	with date code

Packaging Options

2	Tape and Reel

RoHS

A	HF