HSM50 HIGH SPEED
MULTI-COAXIAL
CABLE ASSEMBLIES

## DC to 50GHz

Basic Information

- **Item Name** HSM50 High Speed Multi-Coaxial Cable Assemblies
- **Cable** .086" Low Loss Flexible Cable
- **End 1 Coax Contact** SMPM Female
- **End 2 Connector** 2.4mm Male

Features

- Spring-Loaded Contact
- One-Piece Interface for Direct-Attach Mount
- Solder-Free Installation
- High-Density, Space-Saving Design
- Single Row or Double Row Option

Typical Application

- Signal Integrity Measurement
- SERDES Development
- Differential Signal Measurement
- Physical Layer Measurement
- Jitter Measurement
- Automated Test Equipment

PAM4
112 Gbps

PAM4
224 Gbps
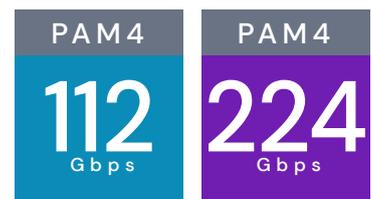
Specification

Parameter	Performance
Channels	8 (1 Row) or 16 (2 Rows)
Pitch	4mm
Frequency Range	DC–50GHz
Insertion Loss	<5.72*L(M)+0.6dB @ DC–50GHz
VSWR	<1.35:1 @ DC–50GHz
Delay Match	+/- 1 ps
Insulation Resistance	>1000 MΩ
Impedance	50Ω
Voltage Standing (V, DC)	>500V
Temperature	−55℃～+85℃

ⓔ www.micable.cn

查看电子版规格书

Outline Drawing：
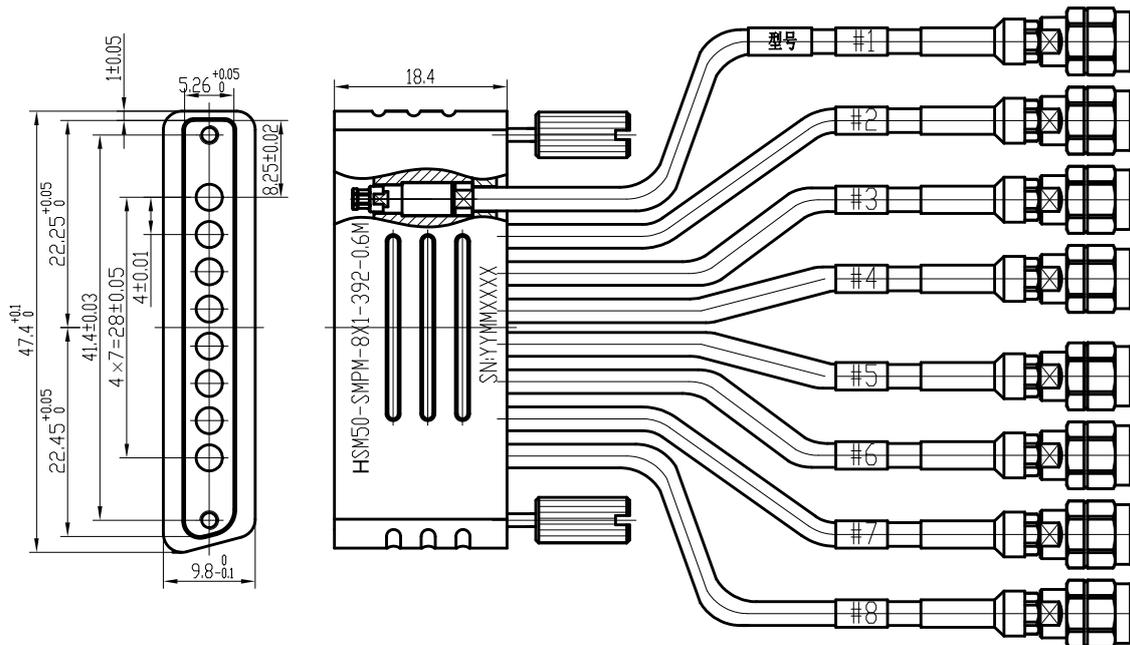
Recommended Socket Size：
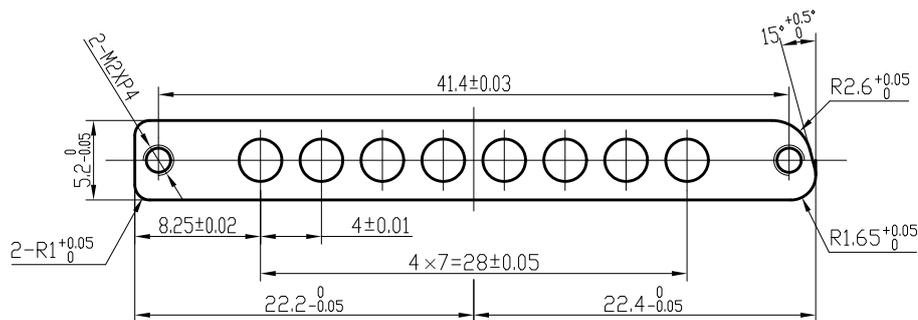
Part Numbering：⊠

HSM50-SMPM-8X1-392-0.6M

- Length
- End 2 Connector Type (392 – 2.4mm Male)
- Channel & Row Number
- End 1 Contact Type
- Transmission Type Frequency
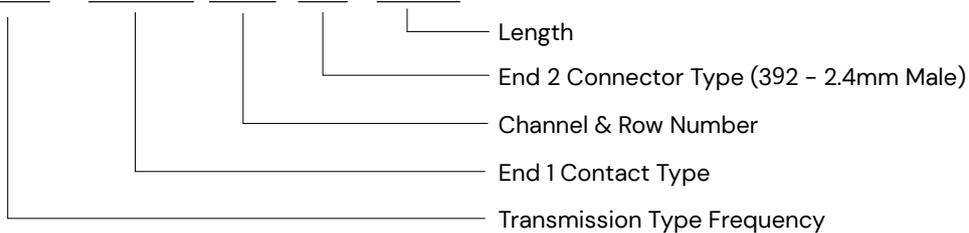
Electrical Specification

S11 Return Loss

Return Loss [dB] vs frequency (0.01 – 50.00)

S22 Return Loss

Return Loss [dB] vs frequency (0.01 – 50.00)

S12 Insertion Loss

Insertion Loss [dB] vs frequency (0.01 – 50.00)

S21 Insertion Loss

Insertion Loss [dB] vs frequency (0.01 – 50.00)

S12 Amplitude Imbalance

Amplitude Unbalance [dB] vs frequency (0.01 – 50.00)

S21 Amplitude Imbalance

Amplitude Unbalance [dB] vs frequency (0.01 – 50.00)

Delay Difference

Time Delay [ps] vs frequency (0.01 – 50.00)

Phase Difference

Phase Unbalance [°] vs frequency (0.01 – 50.00)