

HSM40 HIGH SPEED MULTI-COAXIAL CABLE ASSEMBLIES

DC to 40GHz

Basic Information

- **Item Name** HSM40 High Speed Multi-Coaxial Cable Assemblies
- **Cable** .086" Low Loss Flexible Cable
- **End 1 Coax Contact** SMPM Female
- **End 2 Connector** 2.92mm 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

Specification

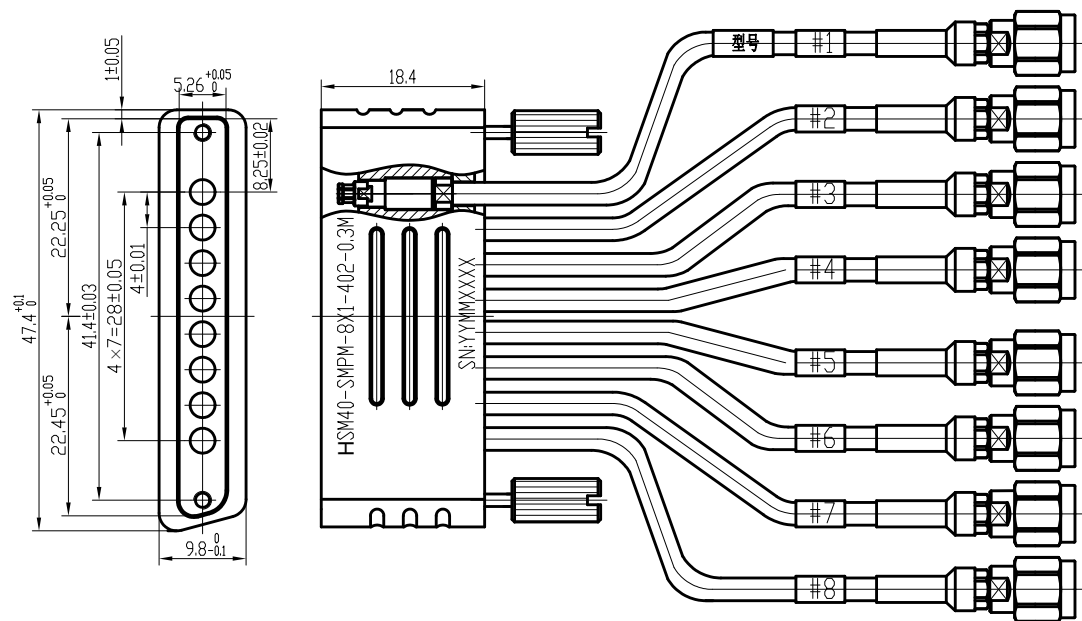
Parameter	Performance
Channels	8 (1 Row) or 16 (2 Rows)
Pitch	4mm
Frequency Range	DC-40GHz
Insertion Loss	$<4.95 * L(M) + 0.5dB$ @ DC-40GHz
VSWR	$<1.30:1$ @ DC-40GHz
Delay Match	± 1 ps
Insulation Resistance	>1000 M Ω
Impedance	50 Ω
Voltage Standing (V, DC)	$>500V$
Temperature	-55 $^{\circ}C$ ~ +85 $^{\circ}C$



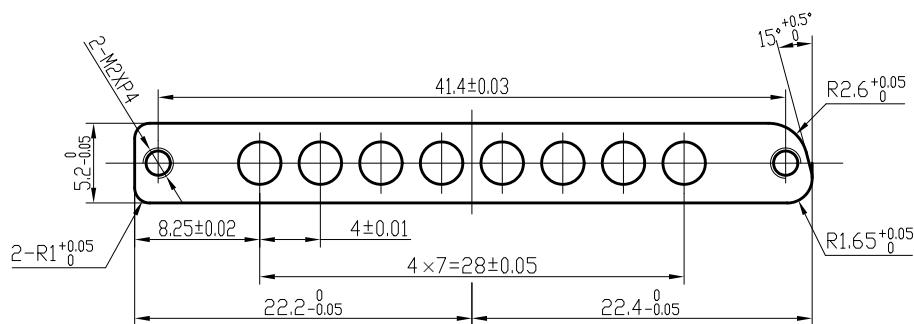
PAM 4	PAM 4
112 Gbps	224 Gbps



Outline Drawing:



Recommended Socket Size:



Part Numbering: ☒

HSM40-SMPM-8X1-402-0.3M

- Length
- End 2 Connector Type (402 - 2.92mm Male)
- Channel & Row Number
- End 1 Contact Type
- Transmission Type Frequency



Electrical Specification

