

# HSM40 HIGH SPEED MULTI-COAXIAL CABLE ASSEMBLIES

## DC to 40GHz



### Basic Information

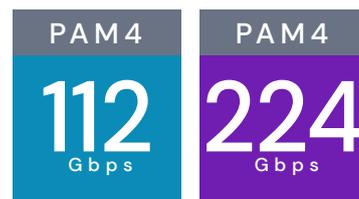
- **Item Name** HSM40 High Speed Multi-Coaxial Cable Assemblies
- **Cable** .086" Low Loss Flexible Cable
- **End 1 Coax Contact** SMPM Female
- **End 2 Connector** 2.92mm Male

### 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

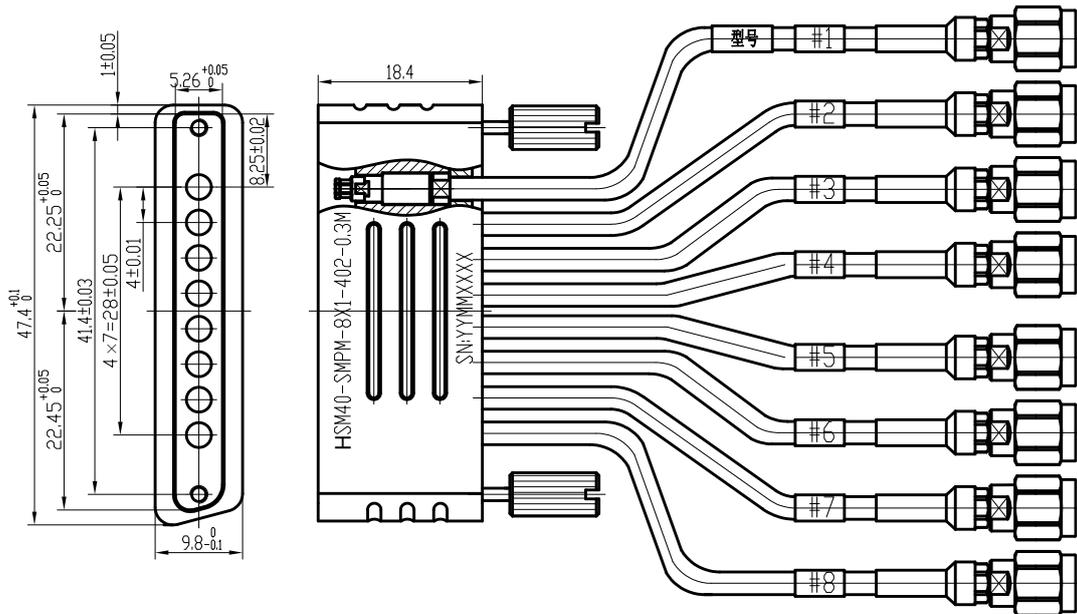


### Specification

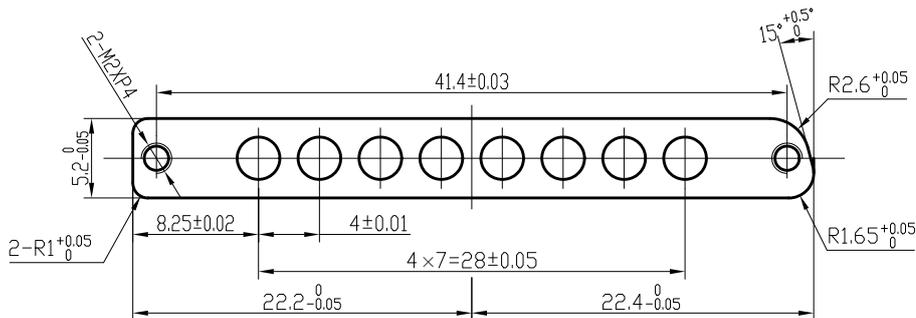
Parameter	Performance
Channels	8 (1 Row) or 16 (2 Rows)
Pitch	4mm
Frequency Range	DC-40GHz
Insertion Loss	$<4.95 * L(M) + 0.5dB$ @ DC-40GHz
VSWR	$<1.30:1$ @ DC-40GHz
Delay Match	$\pm 1$ ps
Insulation Resistance	$>1000$ M $\Omega$
Impedance	50 $\Omega$
Voltage Standing (V, DC)	$>500V$
Temperature	-55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



## Outline Drawing:

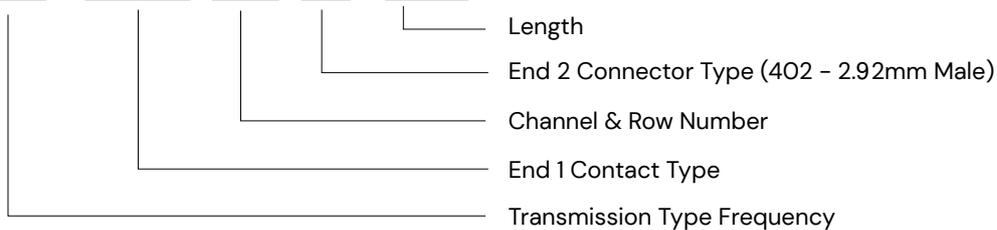


## Recommended Socket Size:



## Part Numbering: ☒

**HSM40-SMPM-8X1-402-0.3M**



# Electrical Specification

