

# HSM70 HIGH SPEED MULTI-COAXIAL CABLE ASSEMBLIES

## DC TO 70GHz

### Basic Information

- **Item Name** HSM70 High Speed Multi-Coaxial Cable Assemblies
- **Cable** .047" Low Loss Flexible Cable
- **End 1 Coax Contact** XMPM Male
- **End 2 Connector** 1.85mm Male

### Features

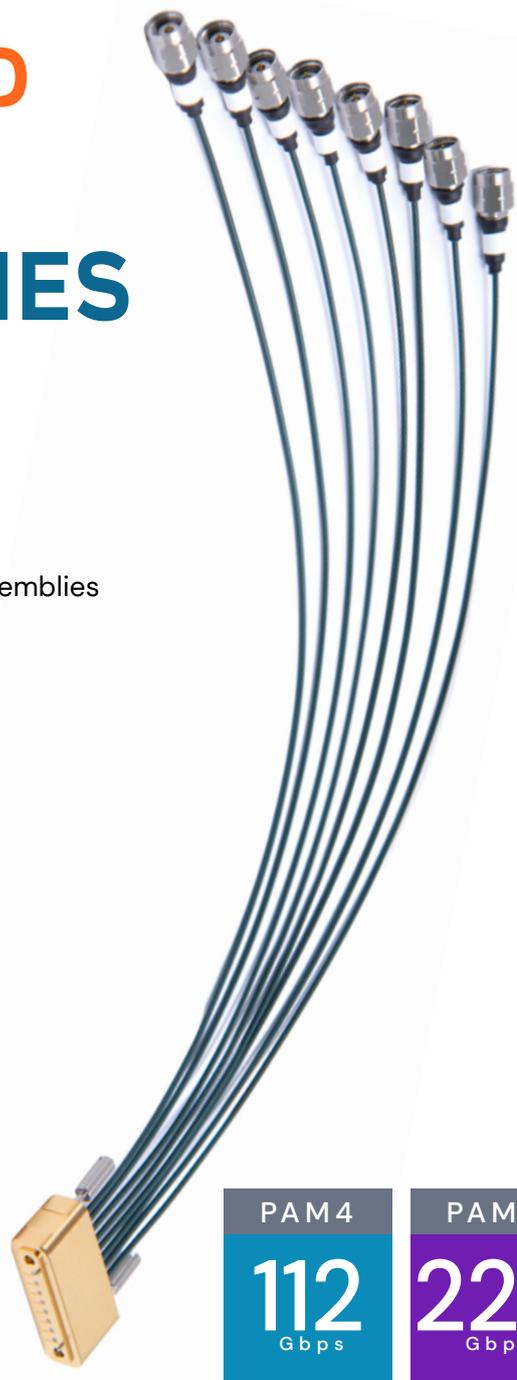
- Spring-Loaded Contact
- One-Piece Interface for Direct-Attach Mount
- Solder-Free Installation
- High-Density, Space-Saving Design
- Single Row or Double Row Option

### Typical Application

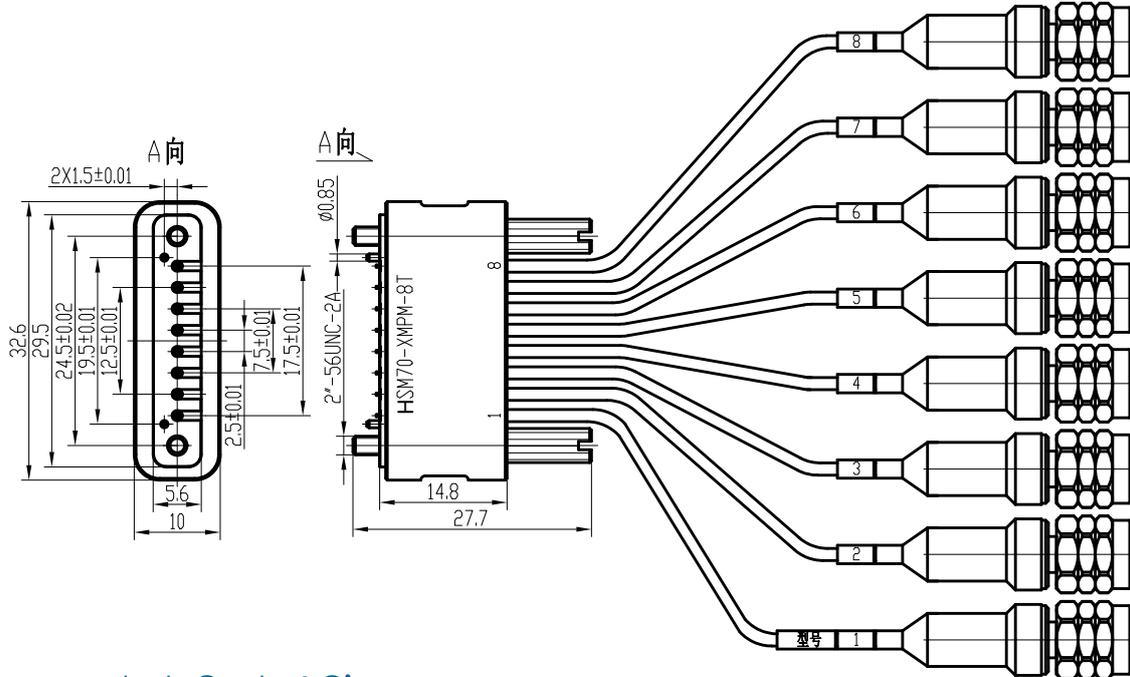
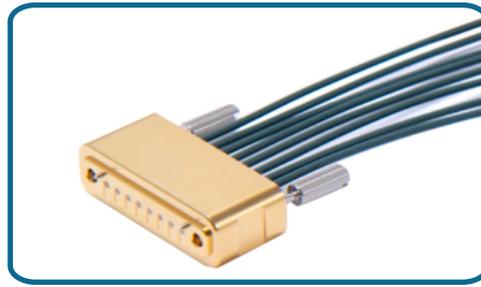
- Signal Integrity Measurement
- SERDES Development
- Differential Signal Measurement
- Physical Layer Measurement
- Jitter Measurement
- Automated Test Equipment

### Specification

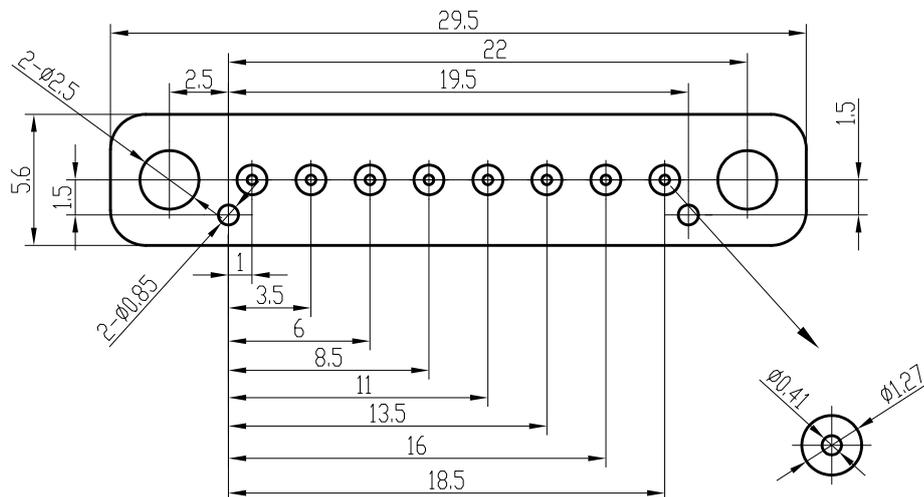
Parameter	Performance
Channels	8 (1 Row)
Pitch	2.5mm
Frequency Range	DC-70GHz
Insertion Loss	$<11 * L(M) + 0.6$ dB @DC-70GHz
VSWR	$< 1.50:1$ @DC-70GHz
Delay Match	+/- 1 ps
Insulation Resistance	$>1000$ M $\Omega$
Impedance	50 $\Omega$
Voltage Standing (V, DC)	$>500$ V
Temperature	-55 C ~ +85 C



## Outline Drawing:



## Recommended Socket Size:



## Part Numbering:

HSM70-XMPM-8X1-OP-0.3M

- Length
- End 2 Connector Type (OP - 1.85mm Male, OY - 1.85mm Female)
- Channel & Row Number
- End 1 Contact Type
- Transmission Type Frequency



# Electrical Specification

