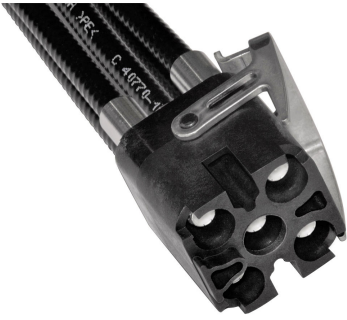


# MLOC-F1XM-5

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HELIAX® M-LOC Multiport cluster 5 ports SureFlex® cable assembly with interface type M-LOC latching male, size 1/4", variable length

## Product Classification

<b>Product Type</b>	HELIAX® MLOC cluster, SureFlex® D-CLASS, dynamic PIM
<b>Product Brand</b>	HELIAX®   SureFlex®
<b>Product Series</b>	MLOC

## General Specifications

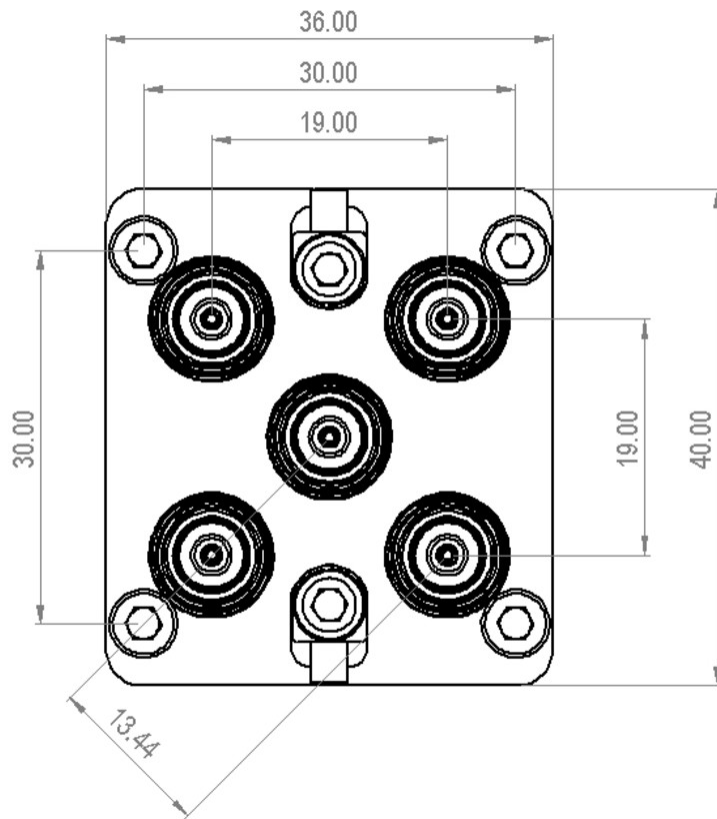
<b>Attachment, Connector A</b>	Factory attached
<b>Body Style, Connector A</b>	Straight
<b>Interface, Connector A</b>	M-LOC Male

## Dimensions

<b>Nominal Size</b>	1/4 in
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## Outline Drawing

# MLOC-F1XM-5



## Electrical Specifications

<b>3rd Order IMD at Frequency</b>	-119 dBm @ 1800 MHz
<b>3rd Order IMD Test Method</b>	Two +43 dBm carriers

## VSWR/Return Loss

Frequency Band	Gated VSWR	Gated Return Loss (dB)
1000–3000 MHz	1.07	30
3000–4200 MHz	1.11	26
4200–5000 MHz	1.12	25

## Mechanical Specifications

<b>Minimum Bend Radius, multiple Bends</b>	25.4 mm   1 in
<b>Minimum Bend Radius, single Bend</b>	25.4 mm   1 in

# MLOC-F1XM-5

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## Environmental Specifications

<b>Installation temperature</b>	-40 °C to +60 °C (-40 °F to +140 °F)
<b>Operating Temperature</b>	-55 °C to +85 °C (-67 °F to +185 °F)
<b>Storage Temperature</b>	-55 °C to +85 °C (-67 °F to +185 °F)
<b>Immersion Test Method</b>	Meets IEC 60529:2001, IP68 in mated condition

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

