

NELC-1-1

1.0mm Male, DC~110GHz

Features:

- * Low VSWR

Applications:

- * Wireless
- * Radar
- * Instruments
- * Electronics

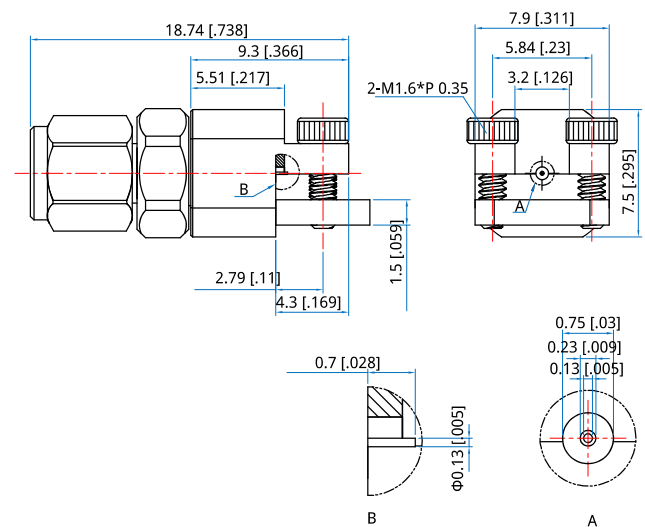
Electrical

Frequency:	DC~110GHz
VSWR:	1.6 max.
Impedance:	50Ω

Mechanical

RF Connector:	1.0mm male
Outer Conductor:	Stainless steel & nickel plated brass
Dielectric:	PTFE
Inner Conductor:	Gold plated beryllium copper

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NELC-1-1

Customization is available upon request.

NELC-1F-1

1.0mm Female, DC~110GHz

Features:

- * Low VSWR

Applications:

- * Wireless
- * Radar
- * Instruments
- * Electronics

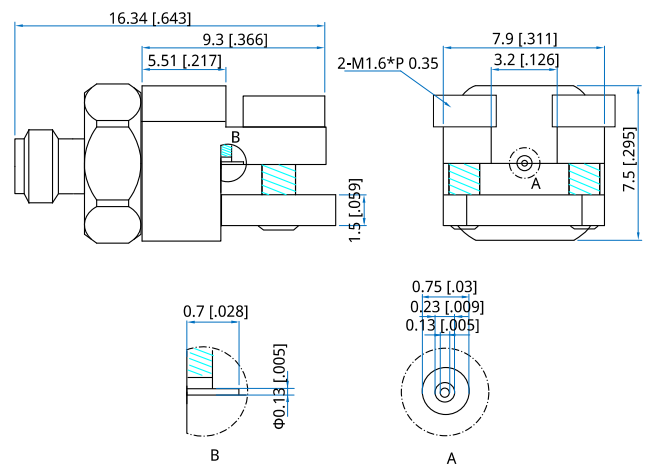
Electrical

Frequency:	DC~110GHz
VSWR:	2 max.
Impedance:	50Ω

Mechanical

RF Connector:	1.0mm Female
Outer Conductor:	Stainless steel
Inner Conductor:	Gold plated beryllium copper

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

How To Order

NELC-1F-1

Customization is available upon request.

NELC-2-1

2.4mm, DC~50GHz

Features:

- * Low VSWR
- * No welding
- * Reusable
- * Easy installation

Applications:

- * Laboratory Test

Electrical

Frequency:	DC~50GHz
VSWR:	1.3 max.
Impedance:	50Ω

Mechanical

RF Connector:	2.4mm
Outer Conductor:	Passivated stainless steel
Dielectric:	PEI & PTFE
Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature:	-55~+165°C
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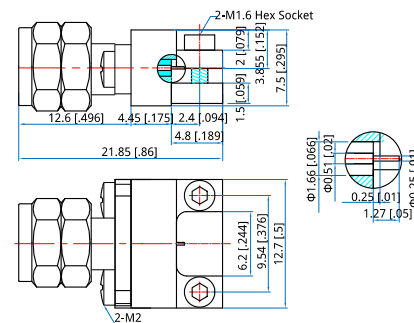
How To Order

NELC-2-1 - Outline A

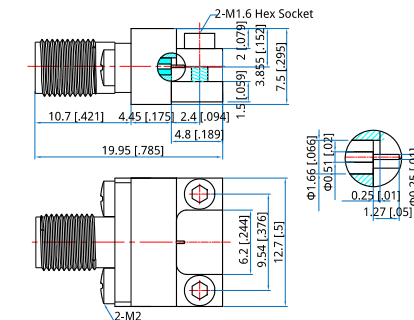
NELC-2F-1 - Outline B

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

NELC-2-2

2.4mm, DC~50GHz

Features:

- * Low VSWR
- * No welding
- * Reusable
- * Easy installation

Applications:

- * Laboratory Test

Electrical

Frequency:	DC~50GHz
VSWR:	1.3 max.
Impedance:	50Ω

Mechanical

RF Connector:	2.4mm
Outer Conductor:	Passivated stainless steel
Dielectric:	PEI & PTFE
Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature:	-55~+165°C
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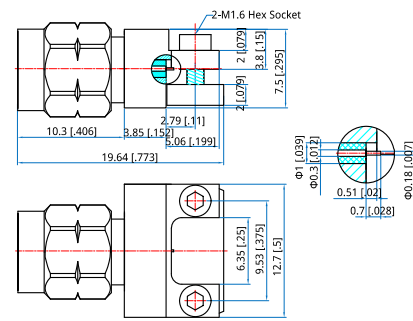
How To Order

NELC-2-2 - Outline A

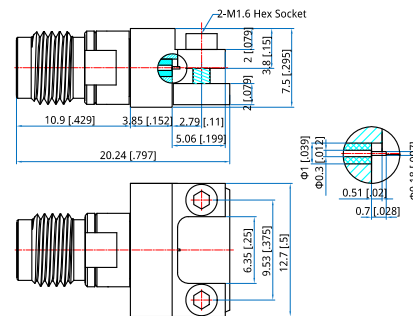
NELC-2F-2 - Outline B

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

NELC-2-3

2.4mm, DC~50GHz

Features:

- * Low VSWR
- * No welding
- * Reusable
- * Easy installation

Applications:

- * Laboratory Test

Electrical

Frequency:	DC~50GHz
VSWR:	1.3 max.
Impedance:	50Ω

Mechanical

RF Connector:	2.4mm
Outer Conductor:	Passivated stainless steel
Dielectric:	PEI & PTFE
Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature:	-55~+165°C
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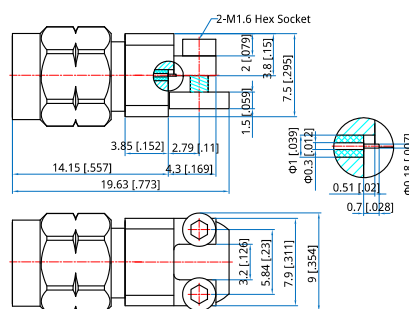
How To Order

NELC-2-3 - Outline A

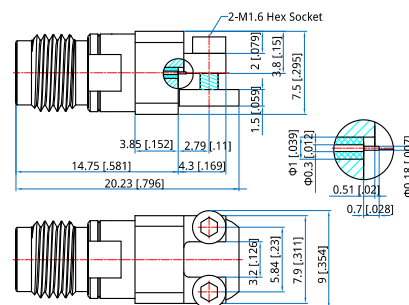
NELC-2F-3 - Outline B

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

NELC-K-1

2.92mm, DC~40GHz

Features:

- * Low VSWR
- * No welding
- * Reusable
- * Easy installation

Applications:

- * Laboratory Test

Electrical

Frequency:	DC~40GHz
VSWR:	1.25 max.
Impedance:	50Ω

Mechanical

RF Connector:	2.92mm
Outer Conductor:	Passivated stainless steel
Dielectric:	PEI & PTFE
Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature:	-55~+165°C
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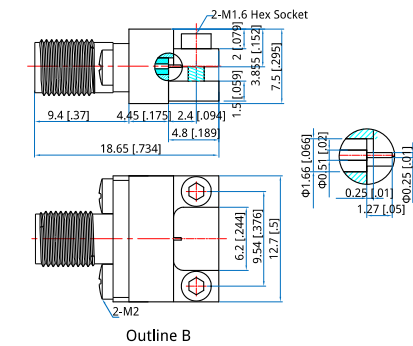
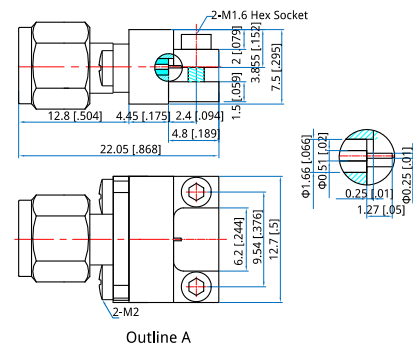
How To Order

NELC-K-1 - Outline A

NELC-KF-1 - Outline B

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

NELC-K-2

2.92mm, DC~40GHz

Features:

- * Low VSWR
- * No welding
- * Reusable
- * Easy installation

Applications:

- * Laboratory Test

Electrical

Frequency: DC~40GHz
VSWR: 1.25 max.
Impedance: 50Ω

Mechanical

RF Connector: 2.92mm
Outer Conductor: Passivated stainless steel
Dielectric: PEI & PTFE
Inner Conductor: Gold plated beryllium copper

Environmental

Temperature: -55~+165°C

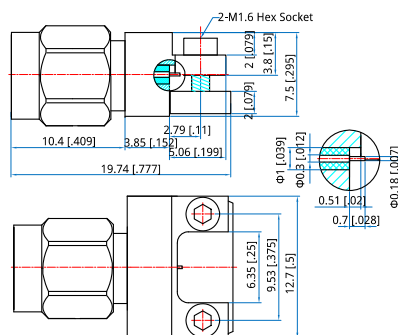
How To Order

NELC-K-2 - Outline A

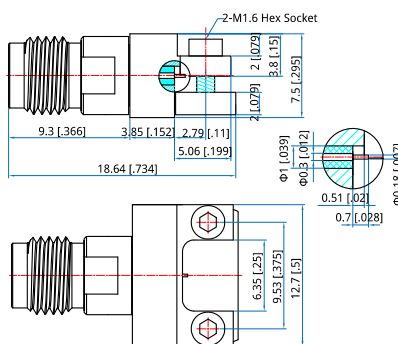
NELC-KF-2 - Outline B

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

NELC-K-3

2.92mm, DC~40GHz

Features:

- * Low VSWR
- * No welding
- * Reusable
- * Easy installation

Applications:

- * Laboratory Test

Electrical

Frequency:	DC~40GHz
VSWR:	1.25 max.
Impedance:	50Ω

Mechanical

RF Connector:	2.92mm
Outer Conductor:	Passivated stainless steel
Dielectric:	PEI & PTFE
Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature: -55~+165°C

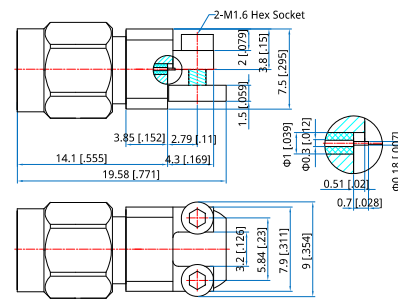
How To Order

NELC-K-3 - Outline A

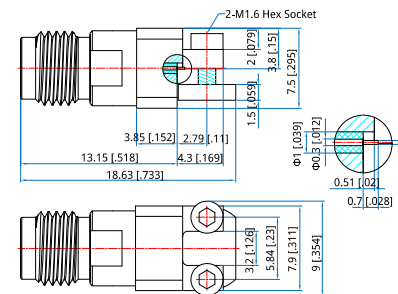
NELC-KF-3 - Outline B

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

NELC-KF-5

2.92mm, DC~40GHz

Features:

- * Low VSWR
- * No welding
- * Reusable
- * Easy installation

Applications:

- * Laboratory Test

Electrical

Frequency: DC~40GHz
VSWR: 1.35 max.
Impedance: 50Ω

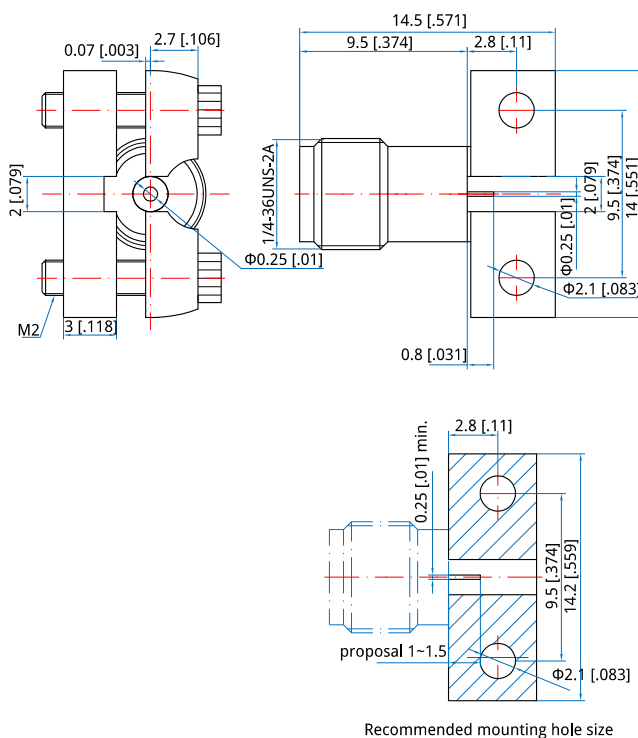
Mechanical

RF Connector: 2.92mm female
Outer Conductor: Gold plated brass
Dielectric: PTFE
Inner Conductor: Gold plated beryllium copper

Environmental

Temperature: -40~+105°C

Outline Drawings



How To Order

NELC-KF-5

Customization is available upon request.

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in](Screw sleeve)

NELC-S-1

SMA, DC~26.5GHz

Features:

- * Low VSWR
- * No welding
- * Reusable
- * Easy installation

Applications:

- * Laboratory Test

Electrical

Frequency:	DC~26.5GHz
VSWR:	1.25 max.
Impedance:	50Ω

Mechanical

RF Connector:	SMA
Outer Conductor:	Passivated stainless steel
Dielectric:	PEI & PTFE
Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature:	-55~+165°C
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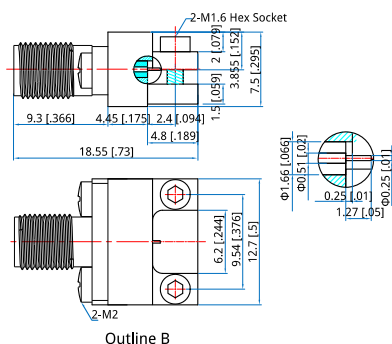
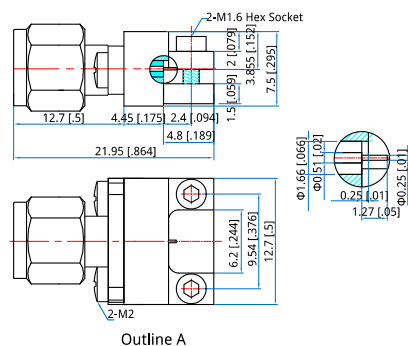
How To Order

NELC-S-1 - Outline A

NELC-SF-1 - Outline B

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

NELC-SF-6

SMA, DC~18GHz

Features:

- * Low VSWR
- * No welding
- * Reusable
- * Easy installation

Applications:

- * Laboratory Test

Electrical

Frequency:	DC~18GHz
VSWR:	1.5
Impedance:	50Ω

Mechanical

RF Conductor:	SMA Female
Inner Conductor:	Beryllium copper
Outer Conductor:	Brass

Environmental

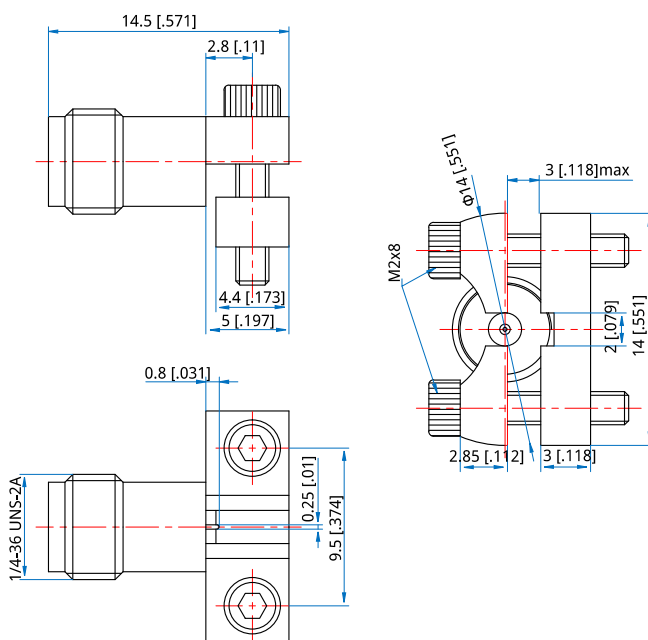
Temperature:	-40~+165°C
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How To Order

NELC-SF-6

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

NELC-V

1.85mm, DC~67GHz

Features:

- * Low VSWR
- * No welding
- * Reusable
- * Easy installation

Applications:

- * Laboratory Test

Electrical

Frequency: DC~67GHz
VSWR: 1.35 max.
Impedance: 50Ω

Mechanical

RF Connector: 1.85mm
Outer Conductor: Passivated Stainless Steel
Dielectric: PEI & PTFE
Inner Conductor: Gold Plated Beryllium Copper

Environmental

Temperature: -55~+165°C

How To Order

NELC-V-2 - Outline A

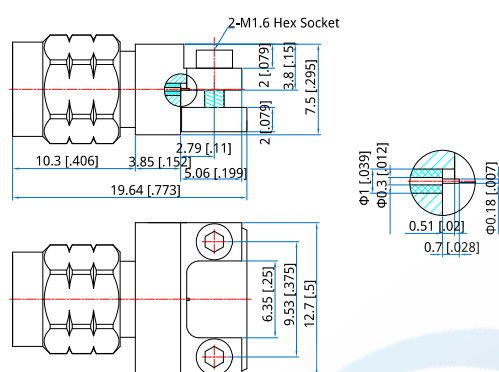
NELC-V-3 - Outline B

NELC-VF-2 - Outline C

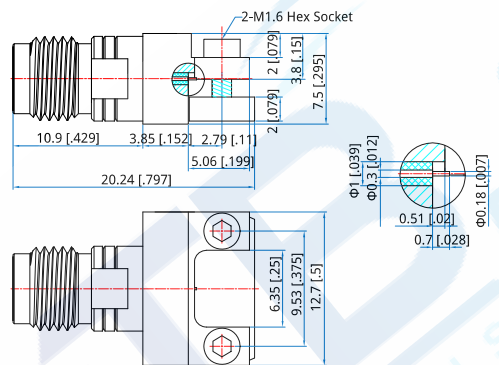
NELC-VF-3 - Outline D

Customization is available upon request.

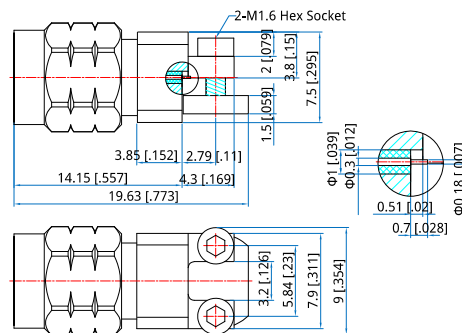
Outline Drawings



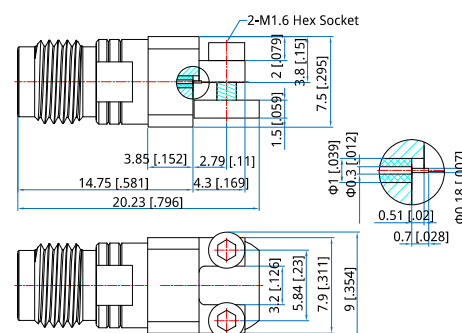
Outline A



Outline C



Outline B



Outline D

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]