

SSMC Jack Bulkhead Mount Connector Solder Attachment Turret Terminal



# RF Connectors Technical Data Sheet

ET11646

# Configuration

- SSMC Jack Connector
- 50 Ohms
- Straight Body Geometry

#### Features

- Max. Operating Frequency 12.4 GHz
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-PRF-39012
- Reliable threaded coupling

- Turret Interface Type
- Solder Attachment
- Bulkhead
- Small SSMC connector form factor (50% smaller than SMA, radially)
- IEC 60169-20 SSMC connector interface
- In stock and ready to ship

# Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Avionics

- A/D Modules
- Data Acquisition
- Software defined radio (SDR)
- RADAR/SONAR
- Ultra Wideband Digital Receivers
- Medical equipment

### Description

Ebeestock's ET11646 SSMC jack bulkhead connector with solder attachment turret terminal is part of our full line of RF components available for same-day shipping. Our SSMC jack connector operates up to a maximum frequency of 12.4 GHz. This SSMC bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our SSMC jack bulkhead connector ET11646 datasheet specifications and drawing with dimensions are shown below in this PDF. Ebeestock's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Ebeestock has the right connector for the job. Ebeestock can also expertly build your custom cable assemblies for you and ship same-day.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		12.4	GHz
Insertion Loss			0.3	dB
Operating Voltage (AC)			250	Vrms
High Potential Voltage			400	Vrms
5 MHz				
Inner Conductor DC Resistance			4	mOhms
Outer Conductor DC Resistance			1	mOhms
Insulation Resistance	1,000			MOhms
RF Leakage	-50			dB

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SSMC Jack Bulkhead Mount Connector Solder Attachment Turret Terminal ET11646

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## Mechanical Specifications

Size

Length 0.51 in [12.95 mm] Width/Dia. 0.156 in [3.96 mm]

Mating Cycles 500 Cycles

1.75 to 2 in-lbs [0.20 to 0.23 Nm]

#### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-PRF-39012
Insulation	Teflon	
Outer Conductor	Beryllium Copper	Gold MIL-PRF-39012
Body	Brass	Gold MIL-PRF-39012
Washer	Brass	Gold MIL-PRF-39012

### **Environmental Specifications**

Temperature

Operating Range -65 to +165 deg C

Shock Method 213, Condition B, 75G @6ms @1/2 sine

Vibration Method 204, Condition D (20G)

Salt Spray Method 101, Condition B, 5% salt solution

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

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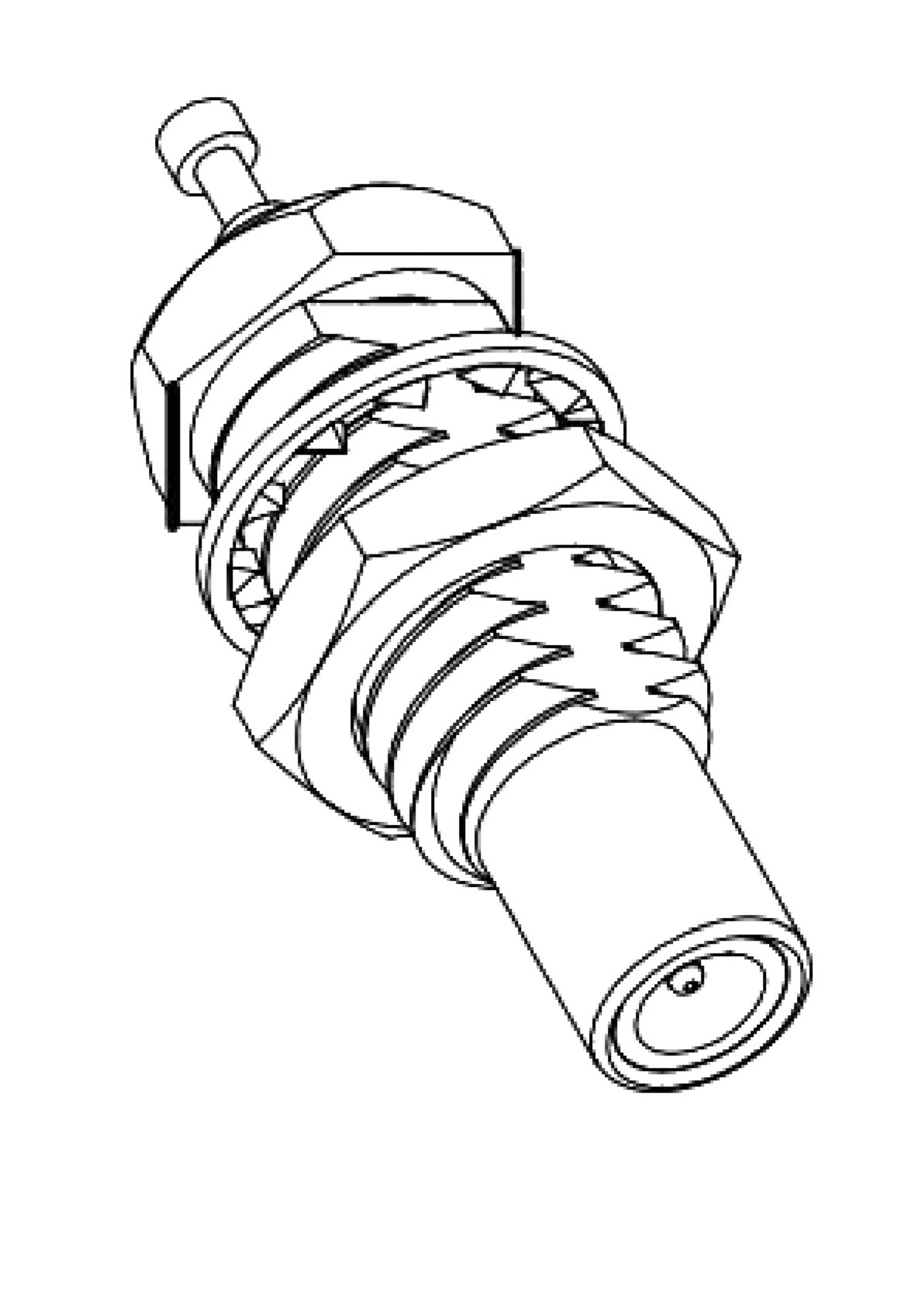
#### **Assembly Instruction**

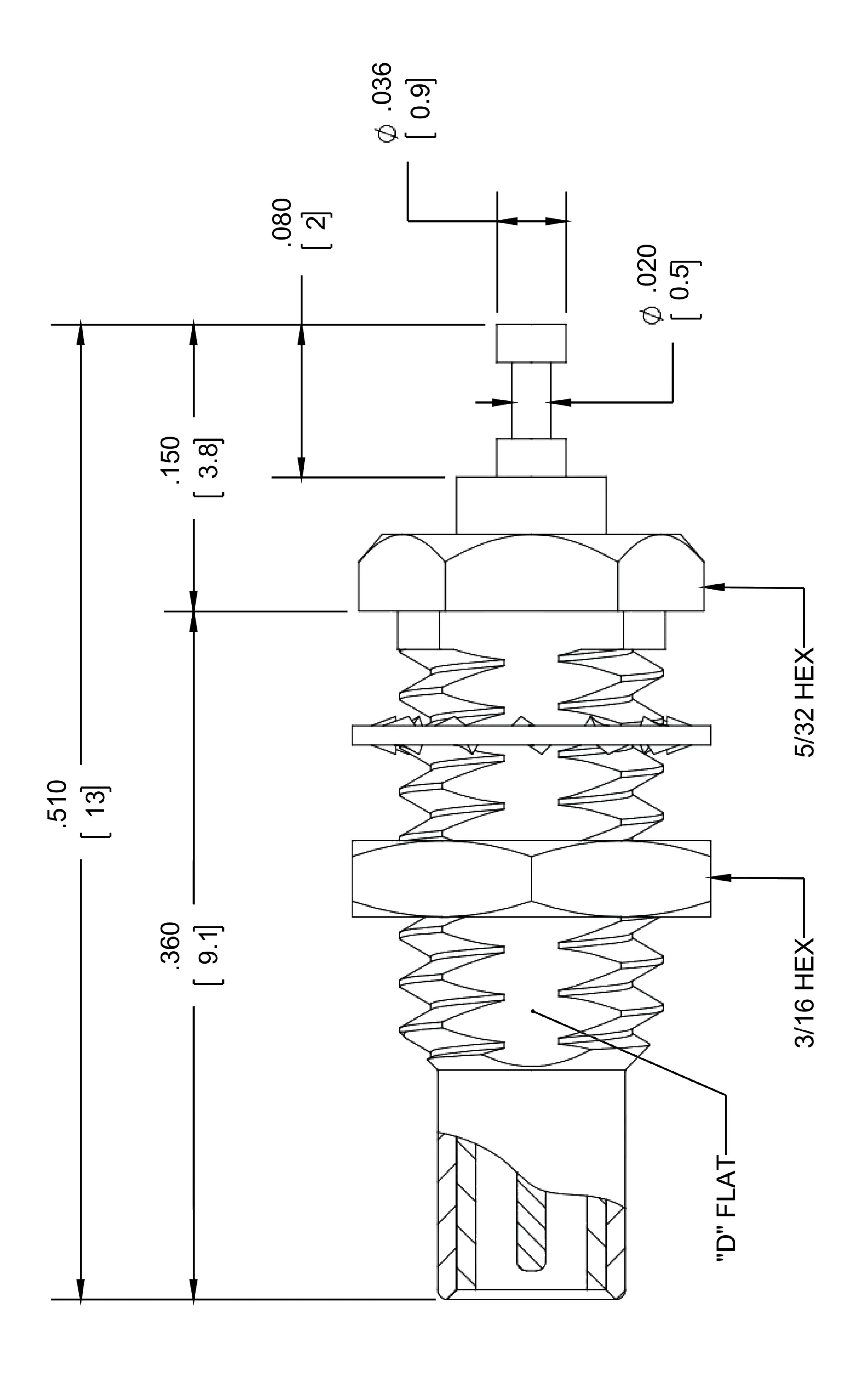
SSMC Jack Bulkhead Mount Connector Solder Attachment Turret Terminal from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

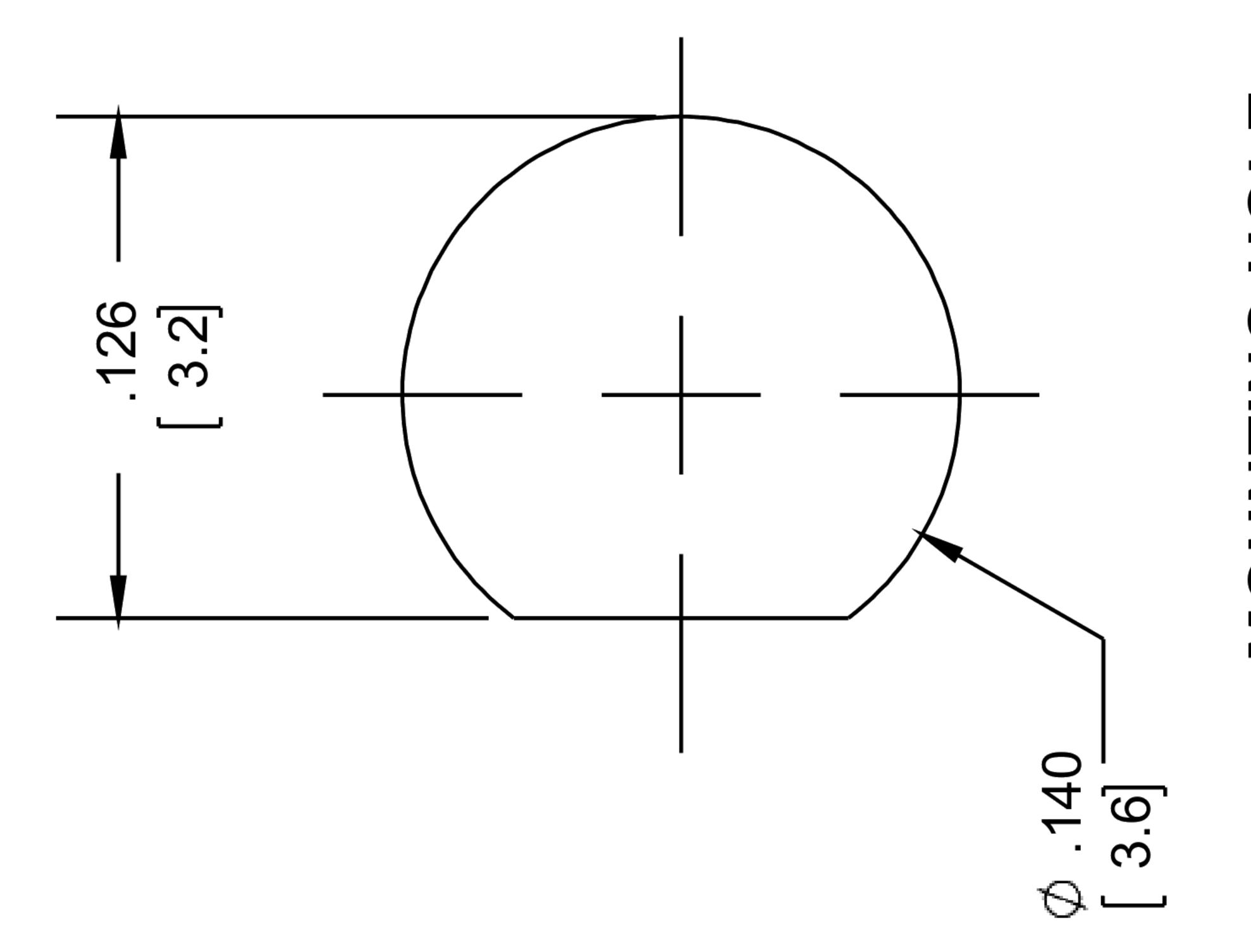
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**URL:** https://www.ebeestock.com/ssmc-jack-bulkhead-mount-connector-solder-attachment-turret-term inal-0011646

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.







STANDARD TOLI  .X $\pm 0.2$ .XX $\pm 0.01$ .XXX $\pm 0.005$
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\*STANDARD TOLERANCES APPLYONLY TO DIMENSIONS IN INCHES

DWG TITLE ET11646	NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL 2. ALL SPECIFICATIONS ARE SUBJECT 3. DIMENSIONS ARE IN INCHES [mm].	NALL DIMENSIONS ARE N JECT TO CHANGE WITHOU m].
CAGE CODE 53919	<b>CAD FILE</b> 061517	SCALE N/A

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