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1053221-1

CGS SM, RF Connectors, SMA RF Interface, Jack, RF Connector Mated Outer Diameter (Approximate) .25 in [6.35 mm], 50  $\Omega$ , Threaded

AMP SMA , CGS SM

TE Internal #: **1053221-1**TE Internal Description: **2058 5029 00**RF Interface : **SMA**RF Connector Style : **Jack**RF Connector Mated Outer Diameter  
(Approximate) : **6.35 mm [ .25 in ]**Impedance ( $\Omega$ ): **50**RF Connector Coupling Mechanism :  
**Threaded** [Digital Datasheet](#)Purchase items directly  
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## Documents

## Features

## Product Compliance

## Product Drawings

**OSM BULKHEAD FEEDTHRU JACK RECEPTACLE  
STRAIGHT TERMINAL**

tif English

2058 5029 00

 [2058 5029 00](#)

English

## CAD Files

3D PDF

 [3D\\_CVM\\_CVM\\_1053221-1\\_C.pdf](#)

3D

Customer View Model

 [ENG\\_CVM\\_CVM\\_1053221-1\\_C.2d\\_dxf.zip](#)

English

 [ENG\\_CVM\\_CVM\\_1053221-1\\_C.3d\\_igs.zip](#)

English

 [ENG\\_CVM\\_CVM\\_1053221-1\\_C.3d\\_stp.zip](#)

English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

|                            |                                                                                                                                                                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type Features      | Connector Product Type : <b>Connector Assembly</b><br>RF Interface : <b>SMA</b><br>RF Connector Style : <b>Jack</b><br>Connector System : <b>Cable-to-Panel</b><br>Sealable : <b>No</b>                                                                                      |
| Configuration Features     | Number of Positions : <b>1</b><br>Number of Coaxial Contacts : <b>1</b>                                                                                                                                                                                                      |
| Electrical Characteristics | Impedance ( $\Omega$ ): <b>50</b>                                                                                                                                                                                                                                            |
| Body Features              | Cable Connector Orientation : <b>Straight</b><br>Body Material : <b>Stainless Steel</b><br>Body Material Finish : <b>Plated</b><br>Body Plating Material : <b>Gold</b>                                                                                                       |
| Contact Features           | RF Connector Center Contact Plating Material : <b>Gold</b><br>RF Connector Center Contact Material : <b>Beryllium Copper</b><br>RF Connector Contact Configuration : <b>Captivated Contacts</b><br>RF Connector Center Contact Underplating Material : <b>Copper, Nickel</b> |
| Mechanical Attachment      | RF Connector Coupling Mechanism : <b>Threaded</b><br>Connector Mounting Type : <b>Bulkhead</b><br>RF Contact Captivation Method : <b>Epoxy</b><br>Detent : <b>Without</b><br>Panel Attachment Style : <b>Rear Mount</b>                                                      |
| Dimensions                 | Product Length : <b>16.75 mm [ .659 in ]</b><br>RF Connector Mated Outer Diameter (Approximate) : <b>6.35 mm [ .25 in ]</b>                                                                                                                                                  |
| Usage Conditions           | Operating Temperature Range : <b>-65 – 125 °C [ -85 – 257 °F ]</b>                                                                                                                                                                                                           |
| Operation/Application      | Operating Frequency (GHz): <b>18</b>                                                                                                                                                                                                                                         |
| Packaging Features         | Packaging Method : <b>Package</b>                                                                                                                                                                                                                                            |
| Other                      | Dielectric Material : <b>PTFE</b><br>Lockwasher Material : <b>Stainless Steel</b>                                                                                                                                                                                            |
| Statement of Compliance    | <a href="#">Statement of Compliance</a> pdf                                                                                                                                                                                                                                  |
|                            |                                                                                                                                                                                                                                                                              |

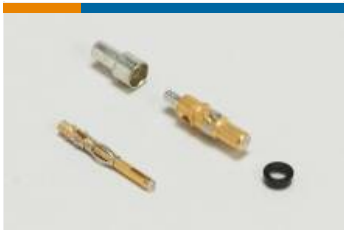
Also in the Series | [AMP SMA](#)



Battery Holders (1)



Between Series  
Adapters (4)



Coax Contacts (1)

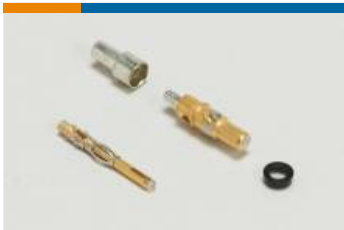


Coax Terminators (1)

Also in the Series | [CGS SM](#)



Battery Holders (1)



Coax Contacts (1)



Expanded Beam Fiber  
Optics (9)



In-Series Adapters (4)