

# SMA CONNECTORS



✓ Active

PRODUCT DRAWING
 English
 3D PDF

### TE CONNECTIVITY (TE) SMA PLUG W/O CENTER CONT AMP | CNT , SMA

**228635-1** TE Internal Number: 228635-1 Mil-Spec: M39012/92-3301

#### Always EU RoHS/ELV Compliant

Applies To Coaxial Cable	1
Panel Mount Without	
Body Material Stainless St	teel
Body Plating Finish <b>Passiv</b>	ated

50 Ohm Yes

Product Drawings

PLUG, RF, SERIES SMA PDF (TIFF AVAILABLE) English

PLUG, RF, SERIES SMA PDF (TIFF AVAILABLE) English

CAD Files

3D PDF PDF 3D

Customer View Model 2D\_DXF.ZIP English

Customer View Model 3D\_IGS.ZIP English

Customer View Model 3D\_STP.ZIP English

#### Instruction Sheets

Instruction Sheet (U.S.)

Hand Crimping Tool And Cable Preparation Kit 59981-1 PDF 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
 Applies To
 Coaxial Cable

 RF Connector Type
 SMA

 Connector Style
 Plug

Product Type     Connector - RF       Shrink Tubing     Without       Restatuble Collar     Without       Grade     Military       Configuration Features     Sings-Lock     Without       Electrical Characteristics     Sings-Lock     Without       Electrical Characteristics     Sings-Lock     Without       Singel Characteristics     Sings-Lock     Without       Singel Characteristics     Singel Characteristics     No       Singel Characteristics     Frequency (CHz)     18       Body Features     Body Plating Finah     Panel/Vacateristic       Body Features     Body Plating Finah     Panel/Vacateristic       Contact Features     Center Contact     Without       Contact Features     Center Contact     Without       Contact Features     Center Contact     Without       Contact Features     Cable Tormination Type     Cimp       Contact Features     Cable Tormination Type     Cimp       Contact Features     Cable Tormination Type     Cauping Nut Plating Finah       Plantered     No     No       Couping Nut Plating Finah     Panel/Nount       Plantered     No       Couping Nut Plating Finah     Panel/Nount       Plantered     No       Cauping Nut Plating Finah		Cable Type	RG 402 Semi-Rigid
Retextable Caller         Without           Configuration Features         Snap-Lock         Without           Electrical Characteristics         So Ohm         Yes           To So Dhm         Yes         To So Ohm         No           To So Ohm         Yes         To So Ohm         No           Signal Characteristics         So Ohm         Yes         So Ohm           Signal Characteristics         Rody Material         Stainless Steel         So Ohym           Body Features         Body Material         Stainless Steel         So Ohym         Stainless Steel           Body Features         Body Style         Straight         Straight           Terrule Plating Material         Straight         Straight           Terrule Plating Material         Silicone Rubber         Context Features           Context Features         Canter Contact         Without           Context Features         Calob Terrnination Type         Crimp           Terrnination Features         Calob Terrnination Type         Paral-Mount           Mechanical Attachment         Paral-Mount         Paral-Mount           Planteed         Coupling Nut-Heang Material         No           Sileny Wat Holas         Stainless Steel         Stainless Steel		Product Type	Connector - RF
CardsNilkeryCardguention FeaturesSnap-LockWithoutExtrical CharacteristicsS0 OhmYes25 OhmNo75 OhmImpedance (C)S0Signal CharacteristicsPrequency (GHz)Stainles SteelBody FeaturesBody MaterialStainles SteelBody FeaturesBody StyleStraightBody FeaturesEncode Stainles SteelStraightContext FeaturesCenter ContactSillcone RubberContext FeaturesCenter ContactWithoutContext FeaturesCable Termination TypeCrimpContext FeaturesCable Termination TypeCrimpMechanical AttachmentParel Mount:NePareledCooping Nut Plating FinishNeMechanical AttachmentParel Mount:NePareledCooping Nut Plating FinishSillcone XubardelCooping Nut Plating FinishSillconeNeSteriedCooping Nut Plating FinishSillconeCooping Nut Plating FinishSillconeSillconeCooping Nut Plating FinishSillconeSillconeCooping Nut Plating FinishSillconeSillconeCooping Nut Plating FinishSillconeSillconeCooping Nut HaterialSillconeSillconeCooping Nut HaterialSillconeSillconeCooping Nut HaterialSillconeSillconeCooping Nut HaterialSillconeSillconeCooping Nut HaterialSillconeSillconeCooping Nut Hater		Shrink Tubing	Without
Configuration Features     Snap-Lock     Without       Electrical Characteristics     50 Ohm     Yes       ZS Ohm     No     No       Typediance (O)     50       Signal Characteristics     Frequency (GHz)     18       Body Features     Body Material     Stainless Steel       Body Features     Body Material     Stainless Steel       Body Style     Straight     Presulvated       Body Syle     Straight     Straight       Ferrule Material     Brass     Interface Soal Material       Contact Features     Center Contact     Without       Contact Features     Cable Termination Type     Crimp       Termination Features     Cable Termination Type     Crimp       Mechanical Attachment     Panel Mount     Without       Panel Mount     No     Caupling Nut Plaing Finish       Panel Mount     Panel Mount     Panel Mount       Panel Mount     Stainless Steel       Safery Wire Holes     Without       Coupling Nut Material     Stainless Steel       Dimensions     Length     ItaBensized		Retractable Collar	Without
Electrical Characteristics     S0 Ohm     Yes       75 Ohm     No       Impedance SD     50       Signal Characteristics     Frequency (GHz)     18       Body Features     Body Material     Stainless Steel       Body Features     Body Material     Stainless Steel       Body Style     Straight       Perrule Material     Brass       Interface Seal Material     Bilcone Rubber       Ferrule Material     Sticone Rubber       Ferrule Plating Material     Nickel       Contact Features     Canter Contact     Without       Contact Contact     Captivated Contacts     Without       Termination Features     Cable Termination Type     Crimp       Machanical Attachment     Pariel Mount     Without       Polarized     No     Coupling Nuc Plating Finish       Safety Wire Holes     Without     Caplicated       Coupling Nuc Plating Finish     Stainless Steel       Dimensions     Length     1.35 mm [.447 In]		Grade	Military
No       Impedance (D)     50       Signal Characteristics     Frequency (GH2)     18       Body Features     Body Material     Stainless Steel       Body Features     Body Material     Passivated       Body Style     Straight     Ferrule Material       Body Style     Straight     Brease       Ferrule Material     Brass     Bicknew       Ferrule Plating Material     Bicknew     Bicknew       Contact Features     Center Contact     Without       Contact Contact     Caplivated Contacts     Without       Termination Features     Cable Termination Type     Crimp       Contact Attachment     Panel Mount     Without       Palarized     No     Safery Wire Holes     No       Dimensions     Length     Length     Stainless Steel	Configuration Features	Snap-Lock	Without
Impedance (0)     50       Signal Characteristics     Frequency (GHz)     18       Body Features     Body Material     Stainless Steel       Body Features     Body Material     Passivated       Body Style     Straight     Features       Body Style     Straight     Features       Interface Seal Material     Brass     Silicone Rubber       Ferrule Plating Material     Silicone Rubber       Contact Features     Center Contact     Without       Contact Contact     Capitivated Contacts     Without       Termination Features     Cable Termination Type     Crimp       Mechanical Attachment     Panel Mount     Without       Polarized     No     Coupling Nut Plating Finish       Polarized     Coupling Nut Plating Finish     Passivated       Dimensions     Length     Length     1.35 rm [.447 in]	Electrical Characteristics	50 Ohm	Yes
Signal Characteristics     Frequency (GHz)     18       Body Features     Body Material     Stainless Steel       Body Plating Finish     Passivated       Body Style     Straight       Ferrule Material     Brass       Interface Seal Material     Silicone Rubber       Ferrule Plating Material     Nickel       Contact Features     Center Contact     Without       Contact Features     Center Contacts     Without       Termination Features     Cable Termination Type     Crimp       Cimp Type     Hex     Polarized       Mechanical Attachment     Panel Mount     Without       Coupling Nut Plating Finish     Passivated       Safety Wire Holes     Without       Dimensions     Length     Lastines Steel		75 Ohm	No
Body Features     Body Material     Stainless Steel       Body Plating Finish     Pessivated       Body Style     Straight       Body Style     Straight       Ferrule Material     Brass       Interface Seal Material     Silicone Rubber       Contact Features     Center Contact     Without       Contact Features     Center Contacts     Without       Termination Features     Cable Termination Type     Crimp       Comp Type     Hex       Mechanical Attachment     Panel Mount     Without       Polarized     No       Coupling Nut Plating Finish     Pessivated       Safety Wire Holes     Without       Dimensions     Length     11.35 mm [.4471n]		Impedance (Ω)	50
Image: Section of the section of th	Signal Characteristics	Frequency (GHz)	18
Body StyleStraightForrule MaterialBrassInterface Seal MaterialSilicone RubberFerrule Plating MaterialNickelContact FeaturesCenter ContactCaptivated ContactsWithoutTermination FeaturesCable Termination TypeCrimp TypeHexMechanical AttachmentPanel MountPolarizedNoCoupling Nut Plating FinishPassivatedSafety Wire HolesWithoutDimensionsLengthLength1.35 rm [.447 in]	Body Features	Body Material	Stainless Steel
Ferrule MaterialBrassInterface Seal MaterialSilicone RubberFerrule Plating MaterialNickelContact FeaturesCenter ContactWithoutCaptivated ContactsWithoutTermination FeaturesCable Termination TypeCrimpCrimp TypeHexMechanical AttachmentPanel MountWithoutPolarizedNoCoupling Nut Plating FinishPasivatedSafety Wire HolesWithoutDimensionsLength1.35 mm [.447 in]		Body Plating Finish	Passivated
Interface Seal Material     Silicone Rubber       Ferrule Plating Material     Nickel       Contact Features     Center Contact     Without       Captivated Contacts     Without       Termination Features     Cable Termination Type     Crimp       Componentiation Type     Hex       Mechanical Attachment     Panel Mount     Without       Polarized     No       Coupling Nut Plating Finish     Passivated       Safety Wire Holes     Without       Dimensions     Length     1135 mm [.447 in]		Body Style	Straight
Ferrule Plating MaterialNickelContact FeaturesCenter ContactWithoutCaptivated ContactsWithoutTermination FeaturesCable Termination TypeCrimpCrimp TypeHexMechanical AttachmentPanel MountWithoutPolarizedNoCoupling Nut Plating FinishPassivatedCoupling Nut Plating FinishSafety Wire HolesWithoutDimensionsLength11.35 mm [.447 in]		Ferrule Material	Brass
Contact FeaturesCenter ContactWithoutCaptivated ContactsWithoutTermination FeaturesCable Termination TypeCrimpCrimp TypeHexMechanical AttachmentPanel MountWithoutPolarizedNoCoupling Nut Plating FinishPassivatedSafety Wire HolesWithoutCoupling Nut MaterialStainless SteelDimensionsLength1.35 mm [.447 in]		Interface Seal Material	Silicone Rubber
Captivated ContactsWithoutTermination FeaturesCable Termination TypeCrimpCimp TypeHexMechanical AttachmentPanel MountWithoutPolarizedNoCoupling Nut Plating FinishPassivatedSafety Wire HolesWithoutCoupling Nut MaterialStainless SteelDimensionsLength1.35 mm [.447 in]		Ferrule Plating Material	Nickel
Termination Features       Cable Termination Type       Crimp         Crimp Type       Hex         Mechanical Attachment       Panel Mount       Without         Polarized       No         Coupling Nut Plating Finish       Passivated         Safety Wire Holes       Without         Coupling Nut Material       Stainless Steel         Dimensions       Length       11.35 mm [.447 in]	Contact Features	Center Contact	Without
Crimp TypeHexMechanical AttachmentPanel MountWithoutPolarizedNoCoupling Nut Plating FinishPassivatedSafety Wire HolesWithoutCoupling Nut MaterialStainless SteelDimensionsLength1.35 mm [.447 in]		Captivated Contacts	Without
Mechanical Attachment       Panel Mount       Without         Polarized       No         Coupling Nut Plating Finish       Passivated         Safety Wire Holes       Without         Coupling Nut Material       Stainless Steel         Dimensions       Length       11.35 mm [.447 in]	Termination Features	Cable Termination Type	Crimp
Polarized       No         Coupling Nut Plating Finish       Passivated         Safety Wire Holes       Without         Coupling Nut Material       Stainless Steel         Dimensions       Length		Crimp Type	Hex
Coupling Nut Plating Finish       Passivated         Safety Wire Holes       Without         Coupling Nut Material       Stainless Steel         Dimensions       Length	Mechanical Attachment	Panel Mount	Without
Safety Wire Holes     Without       Coupling Nut Material     Stainless Steel       Dimensions     Length		Polarized	No
Coupling Nut Material     Stainless Steel       Dimensions     Length		Coupling Nut Plating Finish	Passivated
Dimensions         Length         11.35 mm [.447 in]		Safety Wire Holes	Without
		Coupling Nut Material	Stainless Steel
Industry Standards Military Category F	Dimensions	Length	11.35 mm [ .447 in ]
	Industry Standards	Military Category	F

Packaging Features	Packaging Method	Package
Other	Comment	Die Set not included with Pneumatic Tool: Must be purchased separately.
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANC	E

## CUSTOMERS ALSO BOUGHT

SMA CONNECTORS	SMA CONNECTORS	WIRE-TO-BOARD HEADERS & RECEPTACLES	
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