



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Precious Metal**
Wire Contact Termination Area Plating Material: **Gold**
Contact Retention Within Housing: **With**
Contact Retention Type Within Housing: **Locking Spring**

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

Contact Shape & Form	Round
Contact Length	27.1 mm[1.067 in]
Contact Mating Area Length	9.91 mm[.39 in]
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Precious Metal
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Size	Size 16



Contact Base Material	Brass
Contact Current Rating (Max)	13 A
Mating Pin Diameter	1.57 mm[.062 in]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	.25 µm[10 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Contact Retention Type Within Housing	Locking Spring
Wire Insulation Support	With

Dimensions

Wire Size	.8 – 1.4 mm²
Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Compatible Parts



TE Part # 5-2151023-1
OCEAN_2.0_Applicator-S-080F1200-RSM

TE Part # 200893-2
INSERTION TOOL CONT

TE Part # 2151023-1
OCEAN_2.0_Applicator-S-080F1200-RSM

TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE

TE Part # 7-2151023-7
OCEAN_2.0_SPARE_PART_KIT-080F1200

TE Part # 91505-1
CCII TYPE III+ 24-16 ASSY

TE Part # 539972-1
EXTRACTION TOOL

TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 5-2151023-2
OCEAN_2.0_Applicator-S-080F1200-RSA

TE Part # 2151023-2
OCEAN_2.0_Applicator-S-080F1200-RSA

TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

Also in the Series | AMP Type III+

Connector Contacts(260)

Insertion & Extraction Tools(4)

Power Contacts(260)

Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



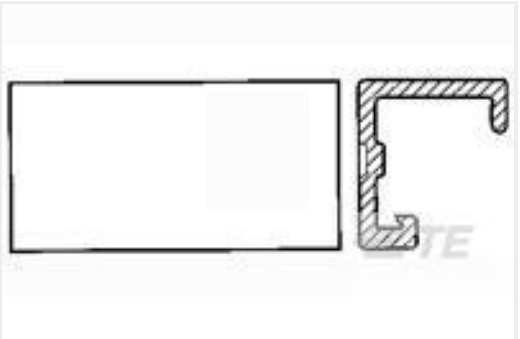
TE Part #817050-SF
FN2010N1-10-06



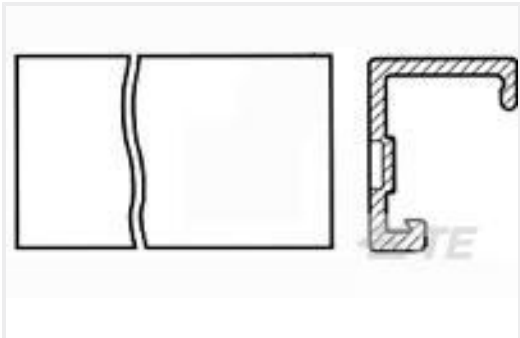
TE Part #4-640428-6
16P MTA156 CONN ASSY 22AWG RED



TE Part #5-640440-0
20P MTA100 CONN ASSY 22AWG RED



TE Part #2-640550-0
20P MTA100 COVER



TE Part #1-640551-6
16P MTA156 COVER



TE Part #1658622-6
26 NOVO MIL/CTR 30DP,LEAD FREE



TE Part #1658622-9
40 NOVO MIL/CTR 30DP,LEAD FREE



TE Part #CAT-C8114-K1
Single Phase Filters, Corcom K Series



TE Part #6609032-9
5VR1=F7202 S0

Documents

Product Drawings

III+ PIN,18-16,30AU>10,STRIP

English

CAD Files

Customer View Model

ENG_CVM_66098-6_AE.3d_igs.zip

English

Customer View Model



[ENG_CVM_66098-6_AE.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_66098-6_AE.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_66098-6_AP.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66098-6_AP.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66098-6_AP.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Signal Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English