

2357093-1 ✓ ACTIVE

[GRACE INERTIA](#) | [GRACE INERTIA 3.5](#)

TE Internal #: 2357093-1

10 Position, Cap, Housing, Crimp, Wire-to-Wire, Tin (Sn), Normal,
UL 94V-0, 3.5 mm [.138 in] Centerline, 2 Row, 300 VAC, GRACE
INERTIA 3.5

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Cap**

Mating Alignment: **With**

Mating Alignment Type: **Inside Polarization Key**

Mating Retention: **With**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Cap
Connector System	Wire-to-Wire
Insertion Force Type	Normal
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	10
Number of Rows	2
Number of Power Positions	10
Number of Signal Positions	10

Electrical Characteristics

Operating Voltage	300 VDC
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Body Features



Primary Product Color	Natural
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Contact Features

Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	Without
Contact Type	Tab
Contact Current Rating (Max)	5 A
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material Thickness	.8 μm [31.49 μin]

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Inside Polarization Key
Mating Retention	With
Mating Retention Type	Locking Latch

Housing Features

Centerline (Pitch)	3.5 mm[.138 in]
Housing Material	PA 66

Dimensions

Row-to-Row Spacing	4.8 mm[.189 in]
Wire Size	.129 – .823 mm ²

Usage Conditions

Operating Temperature Range	-30 – 110 °C[-22 – 230 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Bag
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # CAT-G7534-T111
GRACE INERTIA Tab



TE Part # 2357092-1
GRACE INERTIA 3.5W PLUG 10P NAT



TE Part # 2357094-1
GRACE INERTIA 3.5W TPA 5P

Also in the Series | GRACE INERTIA 3.5



Connector Contacts(4)



Connector Hardware(7)



Power Contacts(4)



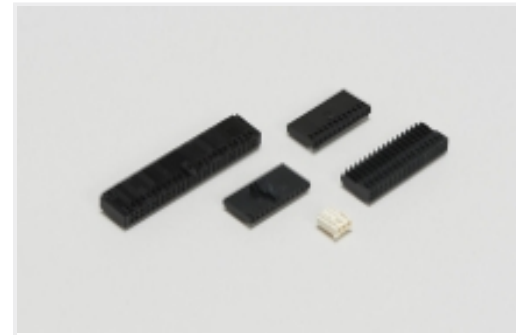
Rectangular Connector Housings(68)



Rectangular Power Connectors(68)



Standard Rectangular Connectors(68)

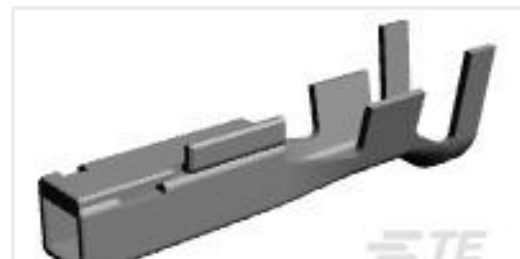


Wire-to-Board Connector Assemblies & Housings(1)

Customers Also Bought



TE Part #1376347-1
5MM POWER KEY CONN REC CONT L



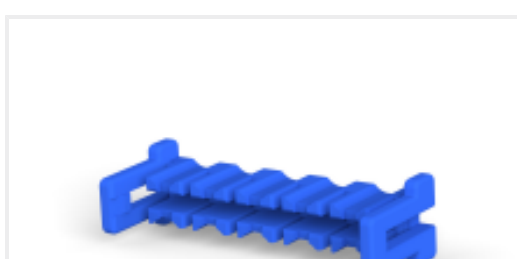
TE Part #1565079-1
GRACE INERTIA 3.5 REC CONTACT(L)



TE Part #2-1565088-3
GRACE INERTIA CONNECTOR 3.5 6P



TE Part #1565089-1
GRACE INERTIA CONNECTOR 3.5 2P



TE Part #2-1971904-5
TPA 10POS,NEW GIC3.3



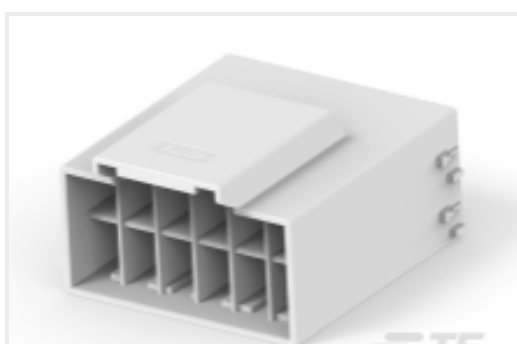
TE Part #1-1971905-6
PLUG HOUSING 12POS,KEYING-A, NEW GIC3.3



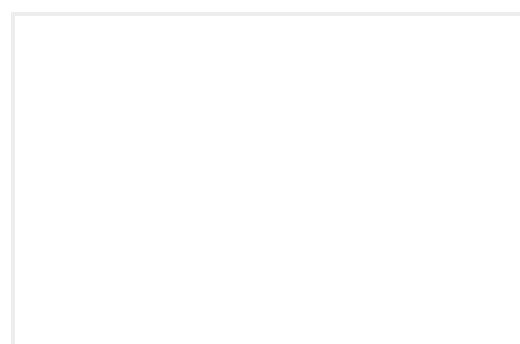
TE Part #2345754-1
STD TIMER PLUG HSG 2P W/EXT. LOCKING



TE Part #1-2357093-2
GRACE INERTIA 3.5W CAP 10P RED



TE Part #2357096-1
GRACE INERTIA 3.5W CAP 12P NAT



TE Part #1-1241961-9
STD TIMER PLUG HSG 3P MK2

Documents



Product Drawings

GRACE INERTIA 3.5W CAP 10P NAT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2357093-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2357093-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2357093-1_A.3d_stp.zip](#)

English

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Product Specifications

Engineering Report

English