

1217097-2 Datasheet



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	1217097-2-DG
Manufacturer	TE Connectivity AMP Connectors
Manufacturer Product Number	1217097-2
Description	CONN QC RCPT 18-22AWG 0.187
Detailed Description	0.187" (4.75mm) Quick Connect Female 18-22 AWG Crimp Connector Non-Insulated

This model 1217097-2 is available at DiGi Electronics.

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DiGi is a global authorized distributor of electronic components.

Purchase and inquiry

Manufacturer Product Number:

1217097-2

Series:

Mark III

Terminal Type:

Standard

Tab Width:

0.187" (4.75mm)

Tab Length:

0.255" (6.48mm)

Termination:

Crimp

Insulation:

Non-Insulated

Features:

-

Contact Material:

Brass

Insulation Diameter:

0.090" ~ 0.130" (2.29mm ~ 3.30mm)

Manufacturer:

TE Connectivity AMP Connectors

Product Status:

Active

Gender:

Female

Tab Thickness:

0.032" (0.81mm)

Length - Overall:

0.670" (17.02mm)

Wire Gauge:

18-22 AWG

Mounting Type:

Free Hanging (In-Line)

Color:

-

Contact Finish:

Tin

Base Product Number:

1217097

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

ECCN:

EAR99

Moisture Sensitivity Level (MSL):

1 (Unlimited)

HTSUS:

8536.90.4000

1217097-2 ✓ ACTIVE[Positive Lock](#) | [Positive Lock 187, Mark III](#)

TE Internal #: 1217097-2

Quick Disconnect Receptacle, 22 – 18 AWG, .1 – .82 mm² Wire, 4.75 mm [.187 in] Tab Width, Straight, Brass, Tin Plating, Strip/Reel, Positive Lock 187

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects

Quick Disconnect Terminal Type: **Receptacle**Wire Size: .1 – .82 mm²

Mating Tab Width: 4.75 mm [.187 in]

Mating Tab Thickness: .81 mm [.032 in]

Features

Product Type Features

Insertion Force	Normal
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm [.187 in]
Mating Tab Thickness	.81 mm [.032 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features



Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Product Length	17.02 mm[.67 in]
Compatible Insulation Diameter Range	2.29 – 3.3 mm[.09 – .13 in]
Terminal Material Thickness	.36 mm[.014 in]
Wire Size	.1 – .82 mm ²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Industry Standards

Compatible With Agency/Standards Products	UL
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Packaging Features

Packaging Quantity	15000
Packaging Method	Strip/Reel

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer



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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 # 1-172075-6
187 POSITIVE MK-2 REC HSG 3P



KIT
REPRESENTATION ONLY

TE Part # 7-2150432-7
OCEAN_2.0_SPARE_PART_KIT-080F155F



TE Part # 175578-1
PL 187 HOUSING RECEPTACLE



TE Part # 2825431-1
187 SERIES POSITIVE LOCK (MARK-II) REC



TE Part # 2150432-2
OCEAN_2.0_Applicator-E-080F155F-REA



TE Part # 936663-1
PL 187 REC 20-16 AWG 0.3 X 14.0 PTPBR




TE Part # 190679-2
POSILOK T'P




TE Part # 521198-1
HSG.REC.POS-LOK.187 NAT.

Also in the Series | Positive Lock 187




Crimp Terminal Housings(29)



Insertion & Extraction Tools(2)



Insulation Boots & Sleeves(7)

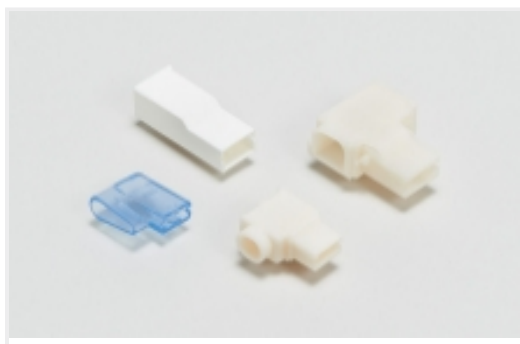


Quick Disconnects(15)

Also in the Series | Mark III



Quick Disconnect Receptacle, 22 – 18 AWG, .1 – .82 mm² Wire, 4.75 mm [.187 in] Tab Width, Straight, Brass, Tin Plating, Strip/Reel, Positive Lock 187



Crimp Terminal Housings(29)



Quick Disconnects(15)

Customers Also Bought



TE Part #2-2287720-1
PICO MOS,TERMINAL



TE Part #1-1438299-1
GET MALE TERM, B, AG REREEL



TE Part #7-1452656-3
MCON 1.2 LL REC SRC AG



TE Part #936121-1
4POS MOS TAB



TE Part #168327-E
IDCCS SMC 1,27 32 * AU AUI 100 PVC



TE Part #2289524-1
4POS, MCON 1.2 CB REC 2p TL UNSEALED



TE Part #1488903-1
1X8 UNSEALED PLUG W/ MODIFIED THUMB PAD,



TE Part #316834-2
040 SEALED TAB CONT. S / GOLD



TE Part #5-962886-2
MOS0,63 Au tab LL EDS 0,2-0,5



TE Part #2361027-1
PLUG ASSY, KEY A, CPA, HVA280-2PHI, V0

Documents

Product Drawings

[PL 187 TERMINAL REC 22-18 AWG TPBR](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1217097-2_L.2d_dxf.zip](#)

English

[3D PDF](#)



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3D

Customer View Model

[ENG_CVM_CVM_1217097-2_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1217097-2_L.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Positive Lock Receptacles](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English

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