

M39029/75-416 Datasheet



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DiGi Electronics Part Number	M39029/75-416-DG
Manufacturer	TE Connectivity Deutsch Connectors
Manufacturer Product Number	M39029/75-416
Description	CONTACT SOCKET SZ 12 CRIMP GOLD
Detailed Description	Coax Socket, Pin Center Contact Size 12 Crimp Gold

This model M39029/75-416 is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

M39029/75-416

Series:

Military, MIL-C-39029

Type:

Coaxial

Contact Size:

12

Wire Gauge or Range - mm²:

-

Contact Termination:

Crimp

Contact Finish:

Gold

Termination Finish:

-

Base Product Number:

M39029

Manufacturer:

TE Connectivity Deutsch Connectors

Product Status:

Active

Contact Type:

Coax Socket, Pin Center

Wire Gauge or Range - AWG:

-

Wire Gauge or Range - Coaxial:

RG-174, 179, 316

Contact Material:

Copper Alloy

Contact Finish Thickness:

50.0µin (1.27µm)

Features:

-

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Affected

HTSUS:

8536.90.4000

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

DTS26W25-35PA [V001] ✓ ACTIVE

DEUTSCH | DEUTSCH 38999 Series III, DEUTSCH 38999

TE Internal #: YDTS26W25-35PAV001

128 Position Circular Connector, Cable-to-Panel, Sealable, Wire & Cable, Signal, Panel Mount, Cadmium, O.D., Aluminum 6061-T6, A Code

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors > D38999: Straight Plug, 25-35 Insert

Number of Positions: **128**Connector System: **Cable-to-Panel**Sealable: **Yes**Connector & Contact Terminates To: **Wire & Cable**Contact Current Rating (Max): **5 A**[All D38999: Straight Plug, 25-35 Insert \(33\)](#)

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Straight Plug

Configuration Features

Number of Positions	128
Number of Power Positions	0
Number of Signal Positions	128
Contacts Preloaded	No

Body Features

Shell Plating Material	Cadmium, O.D.
Shell Base Material	Aluminum 6061-T6
Circular Connector Insulation Material Type	Hard Dielectric/Silicone
Hermetically Sealed	No



Contact Features

Contact Current Rating (Max)	5 A
Reverse Gender	No
Contact Layout Arrangement	25 – 35
Circular Connector Contact Type	Pin

Mechanical Attachment

Connector Mounting Type	Panel Mount
Polarization Code	A
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Circular Connector Shell Size	25
Alignment Keyed	Clocking

Dimensions

Wire Size	28 – 22 AWG
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Usage Conditions

Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]
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Operation/Application

Circuit Application	Signal
Shielded	Yes

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Decamethylcyclopentasiloxane (D5) (5% in Component part) Pb (4% in Component part) Cd (.11% in Component part)

Article Safe Usage Statements:



Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Low Halogen - Br, Cl, F, I < 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-D38999-DTS16G
Jam Nut: D38999, 25-35 Insert



TE Part # CAT-D38999-DTS7S
D38999: Square Flange, 25-35 insert

Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(2555)

Also in the Series | DEUTSCH 38999



Standard Circular Connectors(2555)

Customers Also Bought



TE Part #66683-2
20 DF SCKT CONT



TE Part #CN9930-000
SBP190319WE2.5



TE Part #T4032014031-000
M8.MLE.PNLFRONT.3POS.STR



TE Part #1-1437558-3
MTA106EPC=(MSTA) SW TOG P/C TE



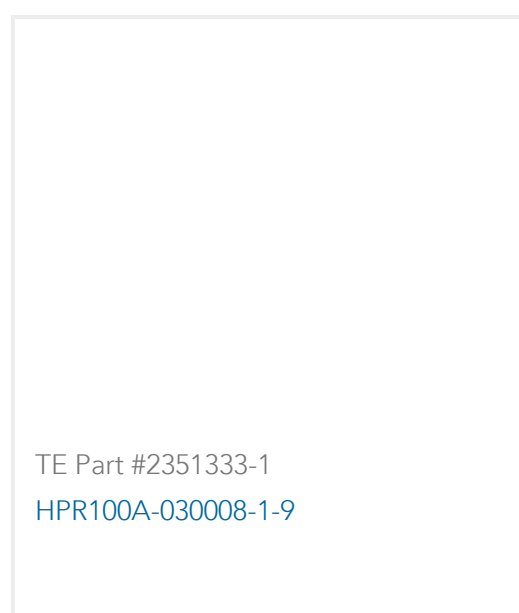
TE Part #5205820-2
WASHER,FLAT #4,PLATED



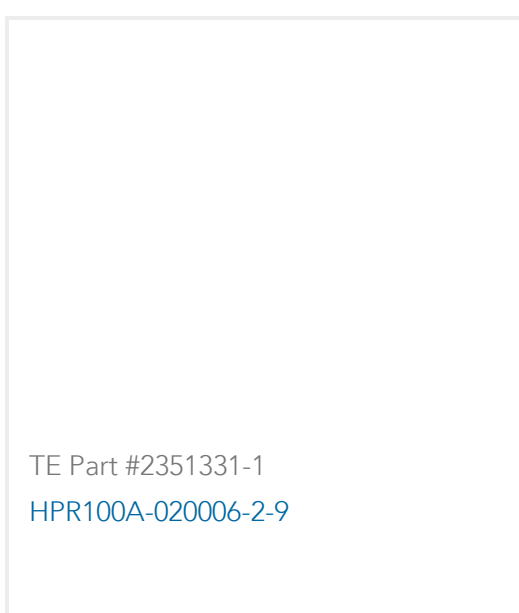
TE Part #6-1462039-7
IM23KS=IM RELAY 50mW 5V short pins



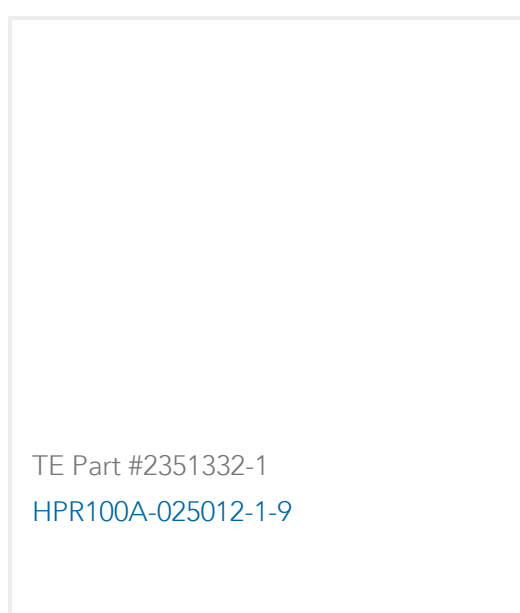
TE Part #5036070001
TMS-SCE-5K-3/32-2.0-9



TE Part #2351333-1
HPR100A-030008-1-9



TE Part #2351331-1
HPR100A-020006-2-9



TE Part #2351332-1
HPR100A-025012-1-9

Documents

Product Drawings

[PLUG ASSY](#)

English

Datasheets & Catalog Pages

[DEUTSCH DTS Series Connectors for 38999 QRG](#)

English

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