

DPL12V2424A24KG

✓ ACTIVE

Citec | Citec DP

TE Internal #: 1-1879314-7

LED Encoder, 24 Pulse, 13.2 x 12.4 x 6 mm, Top Adjustment,
Vertical, 24 Detent, Citec DP

[View on TE.com >](#)



Passive Components > Resistors > Rotary Encoders



Encoder Type: LED Encoder
Number of Pulses: 24
Passive Component Dimensions: 13.2 x 12.4 x 6 mm
Adjustment Location: Top
Shaft Style: Flatted, Knurled

Features

Product Type Features

Encoder Type	LED Encoder
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Configuration Features

Adjustment Method	Spindle
Number of Pulses	24
Adjustment Location	Top
Number of Detents	24

Body Features

Shaft Style	Flatted, Knurled
Product Orientation	Vertical

Termination Features

Product Terminates To	Printed Circuit Board
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Dimensions

Passive Component Dimensions	13.2 x 12.4 x 6 mm
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Operation/Application

Operating Speed (Max)	60 RPM
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2023 (235) 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	Reflow solder capable to 260°C

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 # 4-1879314-5
DPL12S 24P 24DET 25K RD/GRN



TE Part # 1-1879314-1
DPL12 24P NDET 20F BLUE



TE Part # 2-1879749-3
LED ENCODER 12MM HORIZ SW GR /RD



TE Part # 1-1879749-7
LED ENCODER 12MM HORIZ SW GR /RD



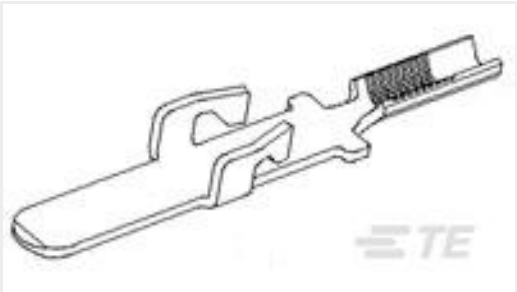
TE Part # 4-1879314-7
DPL12S 24P 24DET 21F RD/GRN

Also in the Series | Citec DP

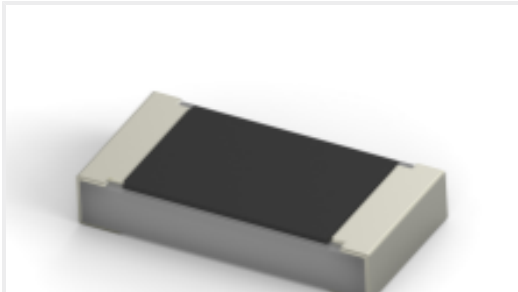


Rotary Encoders(856)

Customers Also Bought



TE Part #1217072-1
CONT AMVAR 125 BLADE 020 TPBR



TE Part #1-1614958-7
CPF 0805 1R43 0.1% 25ppm 1K RL



TE Part #6-535542-5
30 MODIV VRT DR CE 100/130



TE Part #1558665-6
T9GS5L14-22



TE Part #2108792-6
FPC Ant, MHF 4L, 50mm, Wi-Fi 6E Triple



TE Part #5-2316114-6
2MM,REC,CNT,CRIMP,28-30AWG,0.76 UM,LP



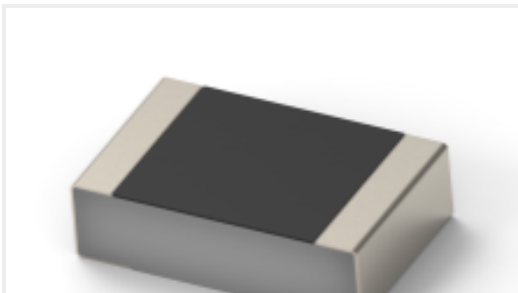
TE Part #2323552-1
PL-036028.5-0.75-9



TE Part #3-2176407-1
3560 240K 1%



TE Part #1-2319848-6
END STACK DIP 6P J RECESS TUBE



TE Part #4-2176074-5
CPF 0201 16K5 0.5% 50PPM 1K RL

Documents

Product Drawings

DPL12 24P 24DET 24K GREEN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1879314-7_BB.2d_dxf.zip

DPL12V2424A24KG

LED Encoder, 24 Pulse, 13.2 x 12.4 x 6 mm, Top Adjustment, Vertical, 24 Detent, Citec DP



English

Customer View Model

[ENG_CVM_CVM_1-1879314-7_BB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1879314-7_BB.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1309350_PASSIVE_COMPONENT](#)

English

[1-1773449-0](#)

English