DP09SH1212B20K ✔ ACTIVE

Citec | Citec DP

TE Internal #: 1879326-3

12 Pulse, Contact Encoder, 12 Detent, 11.3 x 9.7 x 12.05 mm, Side Adjustment, Push Push SPST, .5 A Switch Current, Horizontal, Citec DP

View on TE.com >

Passive Components > Resistors > Rotary Encoders

Number of Pulses: **12**

Encoder Type: **Contact Encoder**

Shaft Style: **Knurled**

Number of Detents: **12**

Passive Component Dimensions: **11.3 x 9.7 x 12.05 mm**

Features

Product Type Features

Passive Component Option	Includes Switch
Encoder Type	Contact Encoder
Rotary Encoder Switch Type	Push Push SPST

Configuration Features

Adjustment Method	Spindle
Number of Pulses	12
Number of Detents	12
Adjustment Location	Side

Electrical Characteristics

Passive Component Switch Current Rating	.5 A

Body Features

Shaft Style	Knurled
Product Orientation	Horizontal

Termination Features

Product Terminates To	Printed Circuit Board

Dimensions

Passive Component Dimensions	11.3 x 9.7 x 12.05 mm

Operation/Application

Operating Speed (Max)	60 RPM

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 2023 (235) 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	Wave solder capable to 265°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 # 1-1879314-1
DPL12 24P NDET 20F BLUE

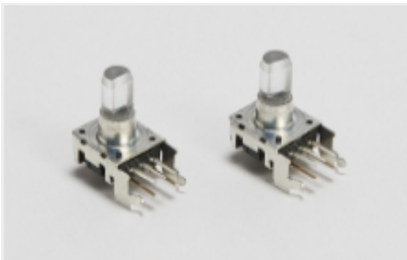
TE Part # 4-1879314-5
DPL12S 24P 24DET 25K RD/GRN

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

TE Part # 2-1879749-3
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 #CAT-C73765-M1G
M12 Panel Mount Solder Cups

TE Part #5-146868-1
B/A REELED SRST HDR ASSY 30 AU

TE Part #175196-3
DYNAMIC D-3 REC CONT/L PdNi & AU 0.76

TE Part #CAT-D9934-A75H
Header Assembly: Wire-to-Board, 15A, gold or tin plated

TE Part #1-917658-2
DYNAMIC D-3200 HDR ASSY 12P V PdNi

TE Part #1415017-1
SR6C4024 - V23050-A1024-A551

TE Part #2-1761603-9
IDC LOW PRO HDR 26P VERT BLUE

TE Part #826662-4
4P AMPMODU II STIFT LEI

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1879326-3_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1879326-3_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1879326-3_BA.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

9mm Rotary Encoder - Type DP09 Series - Tyco Electronics Passives

English