

DP12SH1212A20F

✓ ACTIVE

Citec | Citec DP

TE Internal #: 3-1879315-8

12 Pulse, Contact Encoder, 12 Detent, 13.2 x 12.6 x 5 mm, Side Adjustment, Push Push SPST, .01 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: **Flatted**

Number of Detents: 12

Passive Component Dimensions: **13.2 x 12.6 x 5 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	.01 A
---	-------

Body Features

Shaft Style	Flatted
Product Orientation	Horizontal

Termination Features

Product Terminates To	Printed Circuit Board
-----------------------	-----------------------

Dimensions

Passive Component Dimensions	13.2 x 12.6 x 5 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 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1-1879749-7
LED ENCODER 12MM HORIZ SW GR /RD



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

DP12SH1212A20F

12 Pulse, Contact Encoder, 12 Detent, 13.2 x 12.6 x 5 mm, Side Adjustment, Push
Push SPST, .01 A Switch Current, Horizontal, Citec DP



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
[DYNAMIC 3400F HDR ASSY](#)



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

[Product Drawings](#)

[DP12S HOR 12P 12DET 20F B 5MM](#)

English

[CAD Files](#)

[Customer View Model](#)

[ENG_CVM_CVM_3-1879315-8_BA.3d_igs.zip](#)

DP12SH1212A20F

12 Pulse, Contact Encoder, 12 Detent, 13.2 x 12.6 x 5 mm, Side Adjustment, Push
Push SPST, .01 A Switch Current, Horizontal, Citec DP



English

Customer View Model

[ENG_CVM_CVM_3-1879315-8_BA.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-1879315-8_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

[12mm Rotary Encoder - Type DP12 Series - Tyco Electronics](#)

English