

23ESB223MMF50NF

✓ ACTIVE

Citec | Citec 23

TE Internal #: 1624156-2
22K ohm, Carbon Film, 20 %, .4 W, Terminates To Wire, Panel Mount, 25.2 x 20.4 mm, Single, Side Adjustment, 6.35 x 50 mm Shaft, Right Angle, Citec 23

[View on TE.com >](#)



Passive Components > Resistors > Potentiometers



Resistance Value: **22K Ω**
Element Type: **Carbon Film**
Passive Component Tolerance: **20 %**
Power Rating: **.4 W**
Product Terminates To: **Wire**

Features

Product Type Features

Rotary Turn Type	Single Turn
Element Type	Carbon Film
Sealing Option	Not Sealed

Configuration Features

Number of Turns	1
Sections	Single
Adjustment Location	Side
Adjustment Method	Spindle

Electrical Characteristics

Resistance Value	22K Ω
Passive Component Tolerance	20 %
Power Rating	.4 W
Resistance Class	1k Ω – 1M Ω

Body Features

Shaft Style	Flatted
Product Orientation	Right Angle

Termination Features

Product Terminates To	Wire
-----------------------	------



Mechanical Attachment

Product Mount Type	Panel Mount
--------------------	-------------

Dimensions

Passive Component Dimensions	25.2 x 20.4 mm
Shaft Size	6.35 x 50 mm

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	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

23ESB223MMF50NF

22K ohm, Carbon Film, 20 %, .4 W, Terminates To Wire, Panel Mount, 25.2 x 20.4 mm, Single, Side Adjustment, 6.35 x 50 mm Shaft, Right Angle, Citec 23



TE Part # 1624213-2
23SE 10KB 6.35X50FL B7 CAT



TE Part # 1623763-2
23E 100KA 6.35X50FL B7 CAT



TE Part # 1623760-2
23E 10KA 6.35X50FL B7 CAT



TE Part # 1624139-2
23E 4K7A 6.35X50FL B7 CAT



TE Part # 1624202-2
23SE 10KA 6.35X50FL B7 CAT

Also in the Series | Citec 23



Potentiometers(81)

Customers Also Bought



TE Part #2-1623773-7
C10 47R 5% (LOOSE)



TE Part #DT6P-BT-BK
BOOT, 6P, REC, ST, BLK



TE Part #2-1393640-5
V42254B2102C963=PC612 FEDERLEI



TE Part #1-1734795-1
RJ45,8P8C,SHD,W/ LED,DIP 6u"



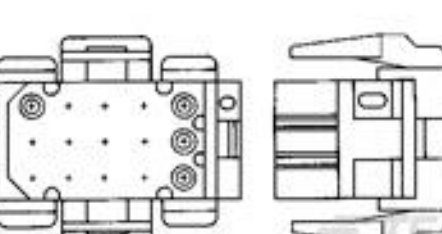
TE Part #3-647609-3
03P MTA100 HDR ASSY F/L LF



TE Part #163685-1
03P.CIS FEM ASS P1



TE Part #1624146-2
23E 470KA 6.35X50FL B7 CAT



TE Part #1-640524-0
20P MR II PLUG HSG V0



Documents

Product Drawings

23E 22KB 6.35X50FL B7 CAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1624156-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1624156-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1624156-2_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

Spindle Operated Potentiometers - Type 23 series - Tyco Electronics Passives

English