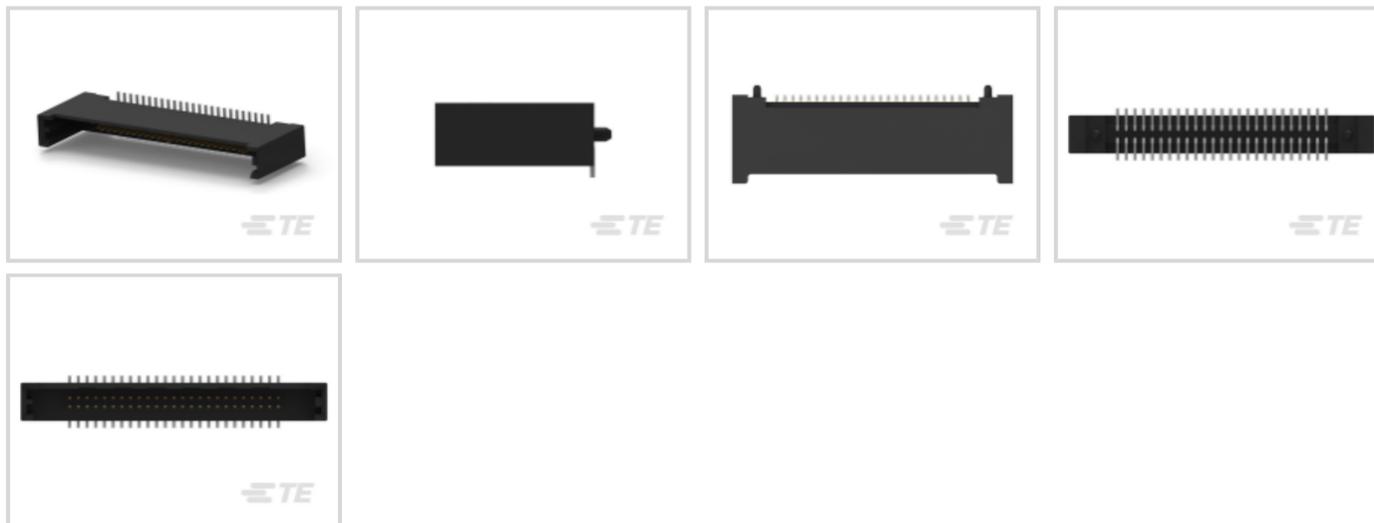# 5788643-1 ✓ ACTIVE

CGS SM
TE Internal #: 5788643-1

SD Card Connectors, CompactFlash Compatible Card, 50 Position, .05 in [1.27 mm] Centerline, Surface Mount Mount, Vertical, CGS SM

View on TE.com >

Connectors > PCB Connectors > Memory Card Connectors > SD Card Connectors

Compatible Card: **CompactFlash**

Number of Positions: **50**

Centerline (Pitch):   **1.27 mm [.05 in]**

PCB Mounting Style: **Surface Mount**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

CompactFlash Product Type	Header Only
PCB Offset	0 mm[0 in]
Compatible Card	CompactFlash
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Removable Memory Products
Shielded	No

Configuration Features

Lead Configuration	Staggered
Number of Positions	50
PCB Mount Orientation	Vertical
Number of Rows	2

Body Features

Hold-Down	Without
Color	Black

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Contact Features

Vacuum Tape	Without
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	.5 A
	30 µin
Contact Mating Area Plating Material	Gold

Mechanical Attachment

Polarizing Post Length	.8 mm[.03 in]
PCB Mounting Style	Surface Mount
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	1.27 mm[.05 in]
Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

Profile Height from PCB	14 mm[.55 in]

Usage Conditions

Operating Temperature Range	-20 – 70 °C[-4 – 158 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tube, Tube

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

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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224)
	Candidate List Declared Against: JUNE 2022 (224)
	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

Also in the Series | CGS SM

Battery Holders(1)

Expanded Beam Fiber Optics(9)

LC Connectors(2)

RJ14 Connectors(1)

RJ22 Connectors(1)

RJ25 Connectors(1)

RJ45 Connectors(3)

SD Card Connectors(1)

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SD Card Connectors, CompactFlash Compatible Card, 50 Position, .05 in [1.27 mm]
Centerline, Surface Mount Mount, Vertical, CGS SM

Surface Mount Resistors(545)

Documents

Product Drawings

50 HDR VERT SMT COMPACTFLASH

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5788643-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_5788643-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5788643-1_O.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Product Specification

English

Interconnection System, AMP Memory Card, Recpt/Hdr Assembly

English

Product Specification

English