

12HPSGS1-NG

✓ ACTIVE

Corcom | Corcom HP

TE Internal #: 4-1609158-9

Power Entry Module, None Input, DPST, Complete Shield, Locking  
Socket & Shrouded Output & Switch Guard, 2 MOOP, Corcom HP,  
Power Entry Modules

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EMI & EMC Solutions > EMI Filters > Power Entry Modules



Filter Type: **Power Entry Module**  
Input Voltage Selection: **None**  
Filter Switch Type: **DPST**  
Filter Shield Type: **Complete Shield**  
Device Safety Features: **Locking Socket & Shrouded Output & Switch Guard**

Features

Product Type Features

|                         |                      |
|-------------------------|----------------------|
| Ground Choke Option     | No                   |
| Level Of Filtering      | Inductor & Capacitor |
| Filter Type             | Power Entry Module   |
| Filter Switch Type      | DPST                 |
| Output Termination Type | .187" FASTON         |
| Filtering Requirements  | Filtered             |
| Filter Connector Type   | IEC 60320-1 C-18     |

Configuration Features

|              |        |
|--------------|--------|
| Fuse Options | Single |
|--------------|--------|

Electrical Characteristics

|                                      |           |
|--------------------------------------|-----------|
| Input Voltage Selection              | None      |
| Leakage Current (Max) (120VAC, 60Hz) | 3 $\mu$ A |
| Leakage Current (Max) (250VAC, 50Hz) | 5 $\mu$ A |
| Current Rating                       | 12 A      |



|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Body Features

|                     |                 |
|---------------------|-----------------|
| Filter Shield Type  | Complete Shield |
| Product Orientation | Vertical        |

Mechanical Attachment

|                          |         |
|--------------------------|---------|
| Panel Mount Feature Type | Snap-In |
|--------------------------|---------|

Dimensions

|                               |                          |
|-------------------------------|--------------------------|
| Panel Thickness (Recommended) | 1 – 2 mm[.039 – .079 in] |
|-------------------------------|--------------------------|

Usage Conditions

|                             |             |
|-----------------------------|-------------|
| Operating Temperature Range | -40 – 40 °C |
|-----------------------------|-------------|

Operation/Application

|                          |                                                 |
|--------------------------|-------------------------------------------------|
| Device Safety Features   | Locking Socket & Shrouded Output & Switch Guard |
| Filter Mode of Operation | 2 MOOP                                          |

Industry Standards

|                                           |    |
|-------------------------------------------|----|
| Compatible With Agency/Standards Products | UL |
|-------------------------------------------|----|

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)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                 |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                   |

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

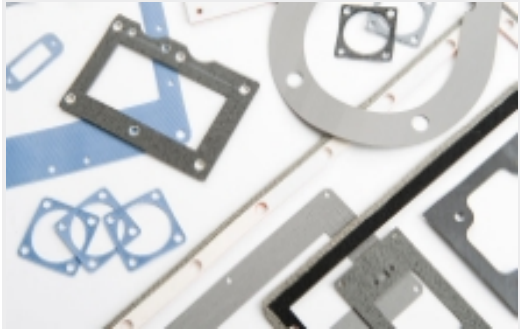


TE Part # 8-1609158-1  
12HPSGS1-HG=F8552



TE Part # 1-1609158-7  
12HPSGS1=F8483

Also in the Series | Corcom HP



Medical EMI & EMC Solutions(96)

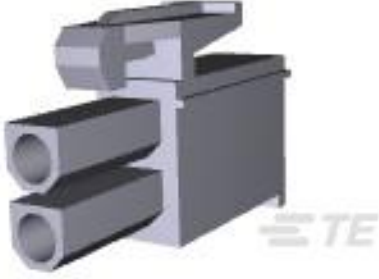


Power Entry Modules(96)

Customers Also Bought



TE Part #171638-1  
MINI U-M-N-L PIN CONT. L.P



TE Part #1-172165-9  
2CIR MINI U-M-N-L PLUG BLCK



TE Part #3-1879453-7  
TE 1000W 1K0 5% Bracket



TE Part #5415025-2  
JACK, RTANG, PCB, 50 OHM, BNC



TE Part #7-1609158-3  
12HPENS1-NG=F8539



TE Part #1-172157-9  
2CIR MINI U-M-N-L CAP BLCK



TE Part #171639-1  
MINI U-M-N-L SOCKET L.P



TE Part #205558-2  
AMPLIMITE,ASY,PLUG,STD,109,2

12HPSGS1-NG

Power Entry Module, None Input, DPST, Complete Shield, Locking Socket & Shrouded Output & Switch Guard, 2 MOOP, Corcom HP, Power Entry Modules



Documents

Product Drawings

12HPSGS1-NG=F8515

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-1609158-9\_1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1609158-9\_1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1609158-9\_1.3d\_stp.zip

English

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

Datasheets & Catalog Pages

HP SERIES EMI FILTERS

English

Corcom HP series EMI PEM Filters

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Agency Approvals

UL

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