TE Internal #: 1-487938-6

FFC Connectors, Housing, Wire-to-Board, 16 Position, 1.27 mm [.05

in] Centerline, 2 Row, Socket, Package, Mating Retention, Wire &

Cable, Normal

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Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FFC Connectors > FFC Receptacle Housing: 1.27mm



FFC Connector Product Type: Housing

Connector System: Wire-to-Board

Number of Positions: 16

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

Number of Rows: 2

All FFC Receptacle Housing: 1.27mm (52)

Features

Product Type Features

Connector & Housing Types	Decembrale
Connector & Housing Type	Receptacle
FFC Connector Product Type	Housing
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Insertion Force Type	Normal
Configuration Features	
Compatible With Wire & Cable Type	FFC
Number of Positions	16
Number of Rows	2
Electrical Characteristics	
Dielectric Withstanding Voltage (Max)	300 VAC
Insulation Resistance	5000 MΩ
Operating Voltage	100 VAC
Contact Features	

Mechanical Attachment



Mating Retention Type	Detent Window
Mating Retention	With
Mating Alignment	Without
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Polyester
Centerline (Pitch)	1.27 mm[.05 in]
FFC Cable Entry	Straight
Housing Color	Black
Dimensions	
Row-to-Row Spacing	2.54 mm[.1 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	800
Packaging Method	Package
Other	
Comment	Note 1: Plain housings are side-to-side stackable on either straight or right-angle post, unshrouded AMPMODU System 50 headers, Note 2: For end-to-end stacking, the posts located between the adjoining housings must be removed to provide housing end clearance

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU Comp	pliant
EU ELV Directive 2000/53/EC Comp	pliant



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: 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

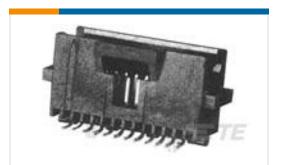
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

Compatible Parts



TE Part # CAT-F439-S01339127

1.27mm FFC Connectors Socket
Contacts



TE Part # 5-104549-1 10 SYS50 S/M HDR DRST SHRDSN



TE Part # 104549-1 10 SYS50 SURFMNT HDR DRST SHRD



TE Part # 6-104068-0 16 SYSTEM 50 HDR DRST SHRD



TE Part # 6-104069-1 16 sys 50 hdr drra shrd sn



TE Part # 1-104068-0 16 SYSTEM 50 HDR DRST SHRD



TE Part # 1-104069-1 16 SYSTEM 50 HDR DRRA SHRD



TE Part # 104666-9
16 SYSTEM 50 HDR DRST SHRD









Documents

Product Drawings

016 HOUSING FFC 50CL DR

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-487938-6_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-487938-6_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-487938-6_J.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4

English

Product Specifications

Application Specification

English