171-16G=16P 28AWG S ✔ ACTIVE

MADISON CABLE

TE Part # 7-1437356-3

TE Internal #: 7-1437356-3

View on TE.com >

Wire & Cable > Ribbon & Flat Cable



Number of Conductors: **16**

Shielded: **No**

Insulation Material: **PVC**

Operating Temperature Range: **-20 – 105 °C**

Length: **30.5 m [100 ft]**

Features

Product Type Features

Product Category	Ribbon Cable
Product Type	Cable
Cable Type	Ribbon Cable
Wire/Cable Type	Ribbon Cable
Product Classification	Cable - Flat Ribbon
Shielded	No

Configuration Features

Number of Conductors	16
Number of Strands	7

Electrical Characteristics

Propagation Delay	4.53 ns/m
Current Rating	2 A
Capacitance	46 pF/m[28 pF/ft]
Impedance	100 Ω
Voltage Rating	300 V

Signal Characteristics

Cross Talk (Far End)	6.7 %
Cross Talk (Near End)	5 %

Body Features

Jacket Color	Blue
Jacket Material	PVC
Insulation Material	PVC
Conductor Insulation Color	Blue
Conductor Material	Tinned Copper

Housing Features

Centerline	1.27 mm[.05 in]

Dimensions

Cable Insulation Height	.91 mm[.036 in]
Cable Insulation Width	20.32 mm[.8 in]
Length	30.5 m[100 ft]
Wire Size	.08 mm^2
Strand Size	36 AWG

Usage Conditions

Operating Temperature Range	-20 – 105 °C

Industry Standards

Agency/Standard	UL
UL Listing	AWM Style 2651

Packaging Features

Packaging Method	Reel
Packaging Quantity	30.5 m[100 ft]

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 2019 (197) Candidate List Declared Against: JUL 2017 (174)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

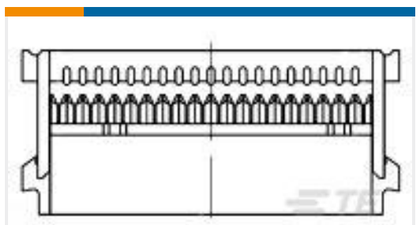
Customers Also Bought



TE Part #1658527-7
622-1641LF FEM SOCKT, LEAD FREE



TE Part #1623096-1
CRG0805 1% 100R



TE Part #1658526-5
609-1041LF FEM SOCKT, LEAD FREE



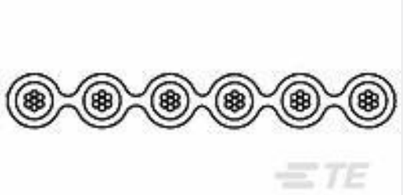
TE Part #2-1658527-8
622-3441LF=FSKT IDC S 34 30AU



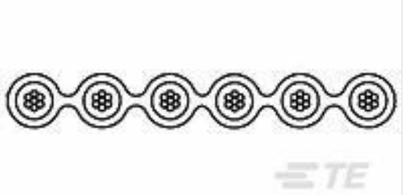
TE Part #1622526-1
LR1 1% 5K1



TE Part #1-1337480-0
SMB FM BHSkt 50Ohm Gold Pltd



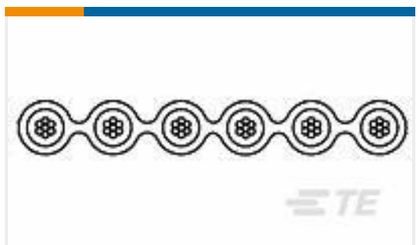
TE Part #2-1437356-9
171-10G=10P 28AWG S



TE Part #3-1437357-4
171-26G=26P 28AWG S



TE Part #3-826926-6
36P AMPMODU II STIFT LEI



TE Part #9-1437356-1
171-20G=20P 28AWG S

Documents

Product Drawings
171-16G=16P 28AWG S

English

Product Environmental Compliance

TE Material Declaration

English