7824E0422-9X ✔ ACTIVE

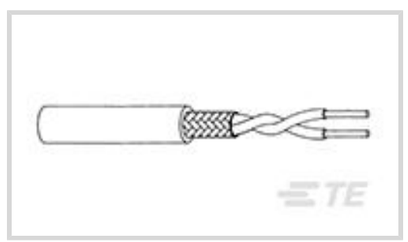
RAYCHEM

TE Internal #: 759025-000

78 ohm, 24 AWG, -65 – 200 °C [-85 – 392 °F], High Speed Digital & Data Cable

View on TE.com >

Wire & Cable > High Speed Digital & Data Cable



Cable Type: **Cheminax**

Impedance: **78 Ω**

Wire Size: **24 AWG**

Operating Temperature Range: **-65 – 200 °C [-85 – 392 °F]**

Features

Product Type Features

Cable Style	Twisted Pair

Electrical Characteristics

Capacitance	.00002 pF/m[20 pF/ft]
Impedance	78 Ω

Signal Characteristics

Velocity of Propagation	74 %

Body Features

Shield Type	Single
Conductor Material	Silver-Plated Copper
Cable Color	Transparent White
Shield Plating Material	Silver
Shield Material	Copper

Dimensions

Outside Cable Diameter	3.43 mm[.135 in]
Cable Dielectric Diameter	1.19 mm[.047 in]
Conductor Diameter Range	.64 mm[.025 in]
Wire Size	24 AWG

Usage Conditions

Cable Type	Cheminax

Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]

Other

Dielectric Material	Rayfoam H

Product Compliance

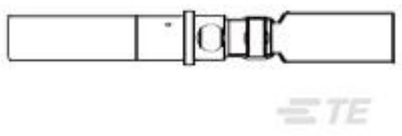
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Out of Scope - excluded from Halogen requirements
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

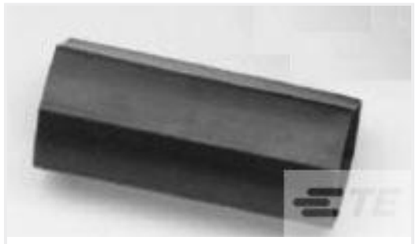
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 507762-000
D-602-0145

Customers Also Bought



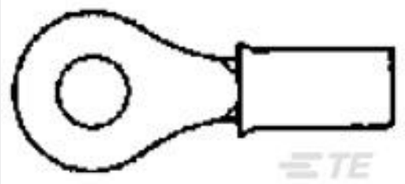
TE Part #134710-000
HRHT-2/3



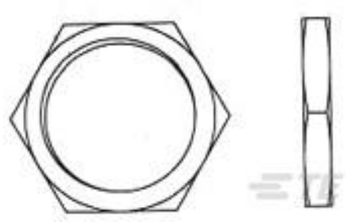
TE Part #31430
TERMINAL,BUDG R 26-22 6



TE Part #32858
TERMINAL,BUDG R 26-22 6



TE Part #32861
TERMINAL,DG R 26-22 6



TE Part #1445904-1
NUT,JAM,3/4-20,PKG QTY 100



TE Part #CAT-H3399-SL34
Heavy-Duty Sealed Connector Series Fixing Slides



TE Part #2267077-2
TMD1T4B5M2RE



TE Part #2399608-1
3POS,HVP1400,ASSY,180DEG,COD A /B/C

TE Part #2407804-1
COVER,SHIPPING CAP FOR HD1400 HEADR

Documents

Product Drawings

7824E0422-9X

English

Product Specifications

Product Specification

English