205485-2 ✔ ACTIVE

AMPLIMITE

TE Internal #: 205485-2

Receptacle, Cable-to-Cable, 37 Position, 4 Connector Shell Size, Socket, Size 20 Contact Size, Box Mount D-Sub Connectors

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Connectors > Box Mount D-Sub Connectors



Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Cable**

Number of Positions: **37**

Power/Signal/Coax Combination: **No**

Connector Shell Size: **4**

Features

Contact Features

	50 µin
Contact Type	Socket
Contact Size	Size 20
Contact Current Rating (Max)	7.5 A
Contact Mating Area Plating Material	Gold
Contact Base Material	Leaded Nickel Copper
Contact Options	Supplied – Uninstalled

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Cable-to-Cable
Connector Shell Size	4
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	37
Power/Signal/Coax Combination	No

Housing Features

Centerline (Pitch)	2.77 mm[.109 in]

Operation/Application

Circuit Application	Signal

Mechanical Attachment

Mating Alignment	Without
Connector Mounting Type	Panel Mount
Mounting Hole Diameter	3.05 mm[.12 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Not Compliant

Body Features

Front Shell Material	Steel
Mating Retention Feature Material	Stainless Steel
Rear Shell Plating Material	Cadmium
Rear Shell Material	Steel
Front Shell Plating Material	Cadmium

Termination Features

Termination Method to Wire & Cable	Crimp

Packaging Features

Packaging Method	Package

Product Compliance

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

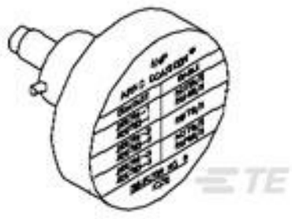
EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Cd (1.11% in Component Part) **Article Safe Usage Statements:** Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Not Yet Reviewed for halogen content
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.

Compatible Parts



TE Part # 601966-5
K13-1 POSITIONER



TE Part # 601966-1
CRIMPING TOOL M22520/2-01

Customers Also Bought



TE Part #205563-2
RECEPT ASSY,50 POSN,AMPLIMITE



TE Part #2-320559-4
SPLICE BUTT PIDG 22-16; TAPE



TE Part #YDTS26Z15-19PAV001
PLUG ASSY



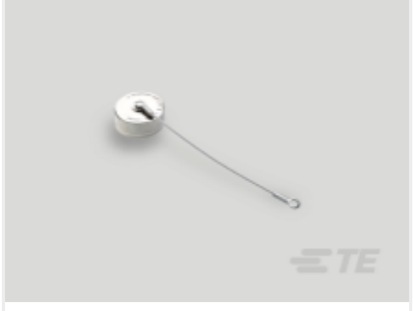
TE Part #YDTS26Z17-26PAV001
PLUG ASSY



TE Part #100503L
CONT SOC ASSY



TE Part #204517-3
AMPLIMITE,ASY,PLUG,STD,90,3,KIT



TE Part #YDTS33W23RV0010000
DUST COVER ASSEM



TE Part #650075N003
D-436-37CS454

Documents

Product Drawings

AMPLIMITE,ASY,RCPT,FB,109,4,CONT

English

Datasheets & Catalog Pages

1308940_Sec8_amplimite

English