



+ CONNECTORS

RECTANGULAR POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
PDL 2P PLUG 3.96(GWT) BLU

[Power Double Lock](#) | [Power Double Lock](#)

2005247-6
TE Internal Number: 2005247-6

[EU RoHS Compliant](#)
[EU ELV Compliant](#)

- Product Type** Housing
- Housing Type** Plug
- Connector System** Wire-to-Wire
- Number of Positions** 2
- Centerline (Pitch)** 3.96 mm [.156 in]

↓ **PRODUCT DRAWING**
[English](#)

↓ **3D PDF**

DOCUMENTATION

Product Drawings

PDL 2P PLUG HSG 3.96mm (GWT)
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Application Specification

Crimping AMP Power Double Lock Contact

PDF

English

Engineering Report

GLOW WIRE 750 TEST FOR PDL 2P PLUG 3.96(GWT) BLU

PDF

English

Product Specification

Power Double Lock Connector(Glow Wire)

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_2005247-6_091720142157_dmtec

PDF

English

Agency Approvals

Agency Approval Document

AMP POWER DOUBLE LOCK CONNECTOR REPORT

PDF

English

FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

Product Type Housing

Housing Type Plug

Connector System Wire-to-Wire

Connector & Contact Terminates To Wire & Cable

Contact Type Receptacle

Configuration Features

Number of Positions 2
Number of Rows 1
Contact Layout Inline

Electrical Characteristics

Operating Voltage (VAC) 50, 300

Contact Features

Contact Retention Without

Termination Features

Wire Type Stranded
Wire/Cable Type Discrete Wire

Housing Features

Centerline (Pitch) 3.96 mm [.156 in]
UL Flammability Rating UL 94V-0
Housing Color Blue
Housing Material PA 66

Usage Conditions

Operating Temperature Range -30 – 65 °C [-22 – 149 °F]
Sealed Condition Not Sealed

Industry Standards

Glow Wire Rating GWT 750°C (Without Flame)
Agency/Standard CNR, USR
Agency/Standard Number C22.2 No. 182.3, UL 1977

Packaging Features

Packaging Method Bag
Packaging Quantity 500

Other

For Use With Cap (GWT): 2005248 or 2005249, Contacts: 177914 or 177915, Double Lock Plate 177918-1 or (GWT) 368590-1

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance
PDF

