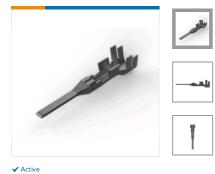
POWER CONTACTS





PRODUCT DRAWING

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English

🛃 3D PDF

TE CONNECTIVITY (TE) AMP POWER DBL LOCK TAB (L)

Power Double Lock | Power Double Lock

177917-1 TE Internal Number: 177917-1

Always EU RoHS/ELV Compliant

Product Type **Contact** Contact Current Rating (A) **10** Wire/Cable Size (AWG) **20 – 16** Wire/Cable Size (mm²) **.51 – 1.38** Circuit Application **Power, Signal**

Product Drawings	AMP POWER DOUBLE LOCK CONN. TAB CONT. PDF (TIFF AVAILABLE) English	
	AMP POWER DOUBLE LOCK CONN. TAB CONT. PDF (TIFF AVAILABLE) English	
CAD Files	Customer View Model 2D_DXF.ZIP English	
	3D PDF PDF 3D	
	Customer View Model 3D_IGS.ZIP English	
	Customer View Model 3D_STP.ZIP English	
Catalog Pages/Data Sheets	SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG PDF English	
	1773458-5_POWER_DBL_LOCK_(PDL)_CONNECTORS PDF English	
Product Specifications		
Product Specification	Fan Motor I/O Connector TIF Japanese	
	Fan Motor I/O Connector PDF Japanese	

AMP POWER DBL LOCK CONNECTOR PDF English

Product Environmental Compliance			
TE Material Declaration	MD_177917-1_090120152314_dmtec PDF English		
Instruction Sheets			
Instruction Sheet (non U.S.)	AMP POWER DOUBLELOCK CONNECTOR SERIES PDF English		
	AMP POWER DOUBLELOCK CONNECTOR SERIES TIF English		

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	Contact
Electrical Characteristics	Contact Current Rating (A)	10
Contact Features	Contact Type	Tab
	Contact Base Material	Copper Alloy
	Contact Mating Area Plating Material	Pre-Tin
	Contact Termination Area Plating Thickness	.8 – 1 μm [30 – 40 μin]
Termination Features	Wire/Cable Size (AWG)	20 – 16
	Wire/Cable Size (mm²)	.51 – 1.38
	Termination Type	Crimp
Mechanical Attachment	Contact Retention in Housing	With
	Contact Retention in Housing Type	Locking Lance
Dimensions	Accepts Wire Insulation Diameter Range	1.8 – 3.1 mm [.071 – .12 in]
Operation/Application	Circuit Application	Power, Signal
	Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
	Connector System	Wire-to-Wire

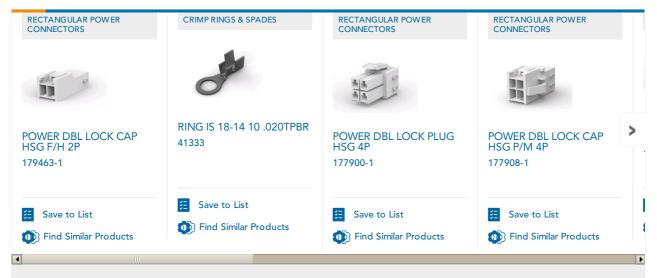
Packaging Features	Packaging Method Packaging Quantity	Reel 4000
Other	Comment	Maximum insulation diameter is 2.8mm (.110) when Double Lock Plate is used.
	For Use With	Cap Housing
	Wire/Cable Type	Discrete Wire
	Wire Type	Stranded

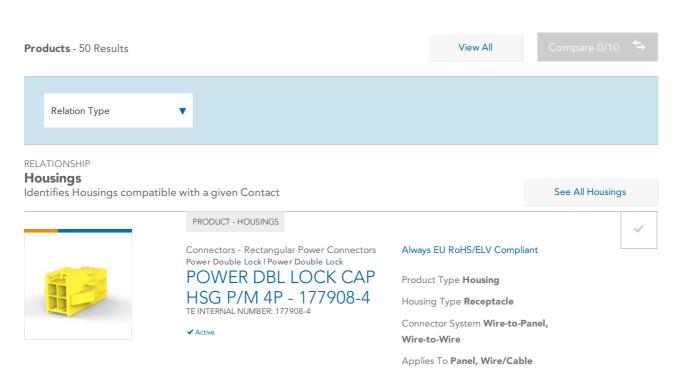
Product Compliance

Statement of Compliance

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT





RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact



PRODUCT - HOUSINGS

Connectors - Rectangular Connector Housings Power Double Lock I Power Double Lock AMP POWER DBL LOCK CAP HSG 8P - 179467-4 TE INTERNAL NUMBER: 179467-4

✓ Active



See All Housings

See All Housings

Connector System Wire-to-Wire

Centerline 3.96 mm

Number of Positions 8

Number of Rows **2**

Housing Material Nylon 6/6

RELATIONSHIP Housings

Identifies Housings compatible with a given Contact



PRODUCT - HOUSINGS

Connectors - Rectangular Power Connectors Power Double Lock | Power Double Lock POWER DBL LOCK CAP HSG P/M 2P - 177906-1 TE INTERNAL NUMBER: 177906-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

Connector System Wire-to-Board, Wire-to-Panel, Wire-to-Wire

Applies To Panel, Wire/Cable

Number of Positions **2**