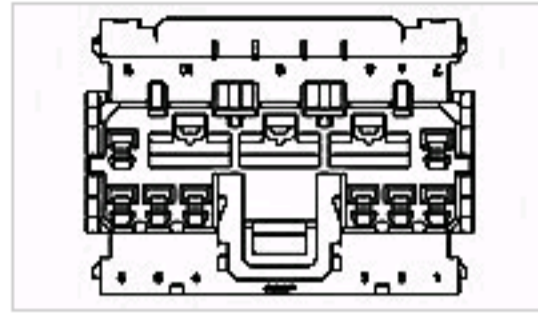




# 85109-1 Product Details

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## MULTILOCK Connectors and Contacts

070/250 HYBRID 11P PLUG

**85109-1**

TE Internal Number: 85109-1

**Product Highlights** [View All](#)

- MULTILOCK™ Product Line
- Connector
- Wire-to-Wire
- Housing
- Contact Type = Receptacle

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

Product Type Features	
Product Line	MULTILOCK™
Product Type <sup>?</sup>	Connector
Connector Type	Housing
Wire/Cable Type	Discrete Wire
Product Series	070/250
Sealed	No

Mechanical Attachment	
Contact Retention	Without
Mating Retention Type	Latch(ing)
Panel Mount Retention <sup>?</sup>	Without

Termination Features	
Termination Method to Wire/Cable	Crimp

Dimensions	
Length (X-Axis) (mm [in])	24.30 [0.957]
Width (Z-Axis) (mm [in])	36.80 [1.448]
Profile Height (Y-Axis) (mm [in])	26.23 [1.0326]

Body Features	
Mating Retention	With
Wire Type	Stranded
Wire Range (mm [AWG]) <sup>?</sup>	0.30-0.50 <sup>2</sup> [22-20], 0.50-2.27 <sup>2</sup> [20-14], 2.00-2.37 <sup>2</sup> [14-12]

Contact Features	
Contact Type	Receptacle
Shunts/Shorting Bars	Without
Multiple Contact Types	With
Contact Series	.070, .250

Housing Features	
Connector Style	Plug
Mating Alignment	With
Mating Alignment Type	Polarization
Housing Color <sup>?</sup>	Natural
Housing Material	PBT GF

Configuration Features	
Number of Rows <sup>?</sup>	2
Number of Positions <sup>?</sup>	11
Number of Sections	1
Number of Positions/Section	8+3
Strain Relief	Without
GET 0.64 Connector System	No

Industry Standards	
RoHS/ELV Compliance <sup>?</sup>	RoHS compliant, ELV compliant
Lead Free Solder Processes <sup>?</sup>	Not relevant for lead free process
RoHS/ELV Compliance History	Always was RoHS compliant

Conditions for Usage	
Applies To <sup>?</sup>	Wire/Cable
Accepts Wire Insulation Diameter, Range (mm [in]) <sup>?</sup>	1.50 – 2.20 [0.059 – 0.0866], 2.16 – 3.43 [0.085 – 0.135], 2.90 – 3.80 [0.114 – 0.149]
For Use With <sup>?</sup>	Cap: 85110, Contacts: 170032, 170258 or 170384 and 173630 or 173631

Operation/Application	
Application Use	Wire-to-Wire
Contact Transmits (Typical Application)	Signal

Packaging Features	
Packaging Method	Bag/Box
Packaging Quantity	150

Other	
Brand	TE Connectivity
Proprietary Name	MULTILOCK

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