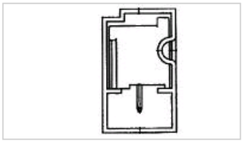
316535-1 Product Details



Active

View 3D PDF

2.5mm Signal Double Lock Connector

2.5 S.D.L HDR V STD 6P IN TUBE

316535-1

TE Internal Number: 316535-1

Product Highlights View All

- Connector
- Wire-to-Board
- Applies To Printed Circuit Board
- Glow Wire Rating = Standard Part - Not Glow Wire
- Header

Pricing & Availability

Request Sample

Add to My Part List

Buy Product through Distributor

Feedback

Documents | Features | Compliance | Additional Images

Please Note:
Use the Product Drawing for all design activity

Product Type Features	
Product Type	Connector
Connector Type	Header
Profile	Standard
PCB Mounting Orientation	Vertical
PCB Mount Retention	With
PCB Mount Alignment	Without
PCB Mount Retention Type	Kinked
Sealed	No

Mechanical Attachment	
Contact Retention	Without
Mating Retention Type	Latch(ing)

Electrical Characteristics	
Contact - Rated Current (A)	3
Operating Voltage Reference	AC/DC
Operating Voltage (VAC)	50
Operating Voltage (VDC)	50

Termination Features	
Termination Method to Wire/Cable	Solder
Termination Method to PC Board	Through Hole - Solder

Dimensions	
Tail Length (mm [in])	3.2 [0.126]
PCB Thickness, Recommended (mm [in])	1.60 [0.063]

Body Features	
Header Type	Shrouded
Mating Retention	With

Contact Features	
Contact Type	Tab
Contact Base Material	Brass
Contact Plating, Mating Area, Material	Pre-Tin
Contact Plating, Mating Area, Thickness (µm [µin])	0.8 – 2.5 [31.49 – 98.42]
Contact Plating, Termination Area, Material	Pre-Tin
Contact Plating, Termination Area, Thickness (µm [µin])	0.8 – 2.5 [31.49 – 98.42]
Underplate Material	Copper
Underplate Material Thickness (µm [µin])	0.50 – 1.20 [19.680 – 47.240]
Contact Size	.64

Housing Features	
Connector Style	Receptacle
Centerline (mm [in])	2.50 [0.098]
Housing Material	Nylon 6/6 GF
Housing Color	Natural
Mating Alignment	With
Mating Alignment Type	Polarization

Configuration Features	
Number of Positions	6
Number of Rows	1
Strain Relief	Without

Industry Standards	
RoHS/ELV Compliance	RoHS compliant, ELV compliant
Lead Free Solder Processes	Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
RoHS/ELV Compliance History	Converted to comply with RoHS directive
UL Flammability Rating	UL 94V-0

Environmental	
Operating Temperature (°C [°F])	-30 – +105 [-22 – +221]

Conditions for Usage	
Applies To	Printed Circuit Board
Glow Wire Rating	Standard Part - Not Glow Wire

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

Packaging Features	
Packaging Method	Tube
Packaging Quantity	27

Other	
Brand	AMP

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