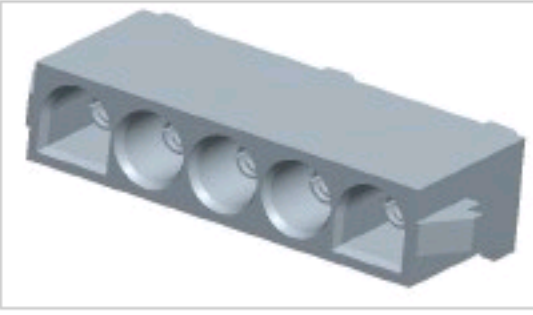




2029361-1 Product Details

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.250" Centerline, 600 V, 19 - 36 A max

05P UMNL SOC HDR V2 NATL NDH

2029361-1

TE Internal Number: 2029361-1

Active

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Product Highlights [View All](#)

- Universal MATE-N-LOK Product Line
- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Header

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Please Note:
Use the Product Drawing for all design activity

Product Type Features	
Product Line	Universal MATE-N-LOK
Product Type	Connector
Connector Type	Header
PCB Mounting Orientation	Vertical
PCB Mount Retention	Without
Sealed	No

Mechanical Attachment	
Contact Retention	Without
Mating Retention Type	Locking Tab

Electrical Characteristics	
Contact - Rated Current (A)	12
Operating Voltage Reference	AC
Operating Voltage (VAC)	600

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

Dimensions	
Tail Length (mm [in])	3.3 [0.13]
PCB Thickness, Recommended (mm [in])	1.57 [0.062]

Body Features	
Mating Retention	With
Assembly Integration Feature	Without

Contact Features	
Contact Type	Socket
Contact Style	Straight
Contact Layout	In-Line
Contact Base Material	Phosphor Bronze
Contact Plating, Mating Area, Material	Pre-Tin
Tail Plating Material	Pre-Tin
Multiple Contact Types	Without

Housing Features	
Connector Style	Receptacle
Centerline (mm [in])	6.35 [0.2499]
Housing Material	Nylon - GF
Housing Color	Natural
Mating Alignment	With
Mating Alignment Type	Polarization

Configuration Features	
Number of Positions	5
Number of Rows	1

Industry Standards	
Agency/Standard	UL
UL Flammability Rating	UL 94V-2
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	Always was RoHS compliant
VDE Tested	Yes
UL Rating	Recognized
UL File Number	E28476

Environmental	
Operating Temperature (°C [°F])	-55 - +105 [-67 - +221]

Conditions for Usage	
Applies To	Printed Circuit Board
Glow Wire Rating	Standard Part - Not Glow Wire
For Use With	Universal MATE-N-LOK

Operation/Application	
Application Use	Wire-to-Board

Packaging Features	
Packaging Method	Bag/Box
Packaging Quantity	100

Other	
Brand	AMP

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