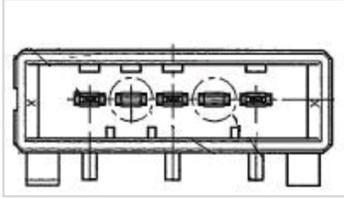




1-1903481-2 Product Details

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Active

Dynamic Series Connectors

DYNAMIC D-3100 V HDR ASSY 3/5P SMT TYPE

1-1903481-2

TE Internal Number: 1-1903481-2

Product Highlights [View All](#)

- Dynamic Series Product Line
- D-3100 Series
- Series No. = 3000
- Wire-to-Board
- Applies To Printed Circuit Board

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Please Note:
Use the Product Drawing for all design activity

Product Type Features	
Product Line	Dynamic Series
Product Type	Connector
Connector Type	Header
Insertion Force [?]	Standard
PCB Mounting Orientation [?]	Vertical
PCB Mount Retention [?]	With
Sealed	No
CSA File Number	LR7189

Mechanical Attachment	
Mating Retention Type	Latch(ing)

Electrical Characteristics	
Contact - Rated Current (A)	8
Operating Voltage Reference	AC/DC
Operating Voltage (VAC)	250
Operating Voltage (VDC)	250

Termination Features	
Termination Method to Wire/Cable	Solder
Termination Method to PC Board	Surface Mount

Dimensions	
Tail Length (mm [in])	2.5 [0.098]
PCB Thickness, Recommended (mm [in])	1.60 [0.063]

Body Features	
Mating Retention	With

Contact Features	
Contact Type	Tab
Contact Layout	Single Row
Contact Base Material	Copper Alloy
Contact Plating, Mating Area, Material [?]	Gold
Contact Plating, Mating Area, Thickness (µm [µin])	0.38 [15]
Multiple Contact Types	Without
Tail Plating Material	Tin
Tail Plating Thickness (µm [µin])	2 [78.74]
Underplate Material	Nickel
Underplate Material Thickness (µm [µin])	1.30 [51.180]

Housing Features	
Connector Style	Plug
Centerline (mm [in])	3.81 [0.1499]
Housing Material [?]	Polyphenylene Sulfide (PPS)
Housing Color	Black
Mating Alignment	With
Mating Alignment Type	Polarization

Configuration Features	
Number of Positions [?]	5
Number of Rows [?]	1
Number of Loaded Positions	3

Industry Standards	
RoHS/ELV Compliance [?]	RoHS compliant, ELV compliant
Lead Free Solder Processes [?]	Reflow solder capable to 245°C
RoHS/ELV Compliance History	Always was RoHS compliant
Agency/Standard	CSA, UL
UL Rating	Recognized
UL File Number	E28476
CSA Rating	Certified
UL Flammability Rating	UL 94V-0

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

Conditions for Usage	
Applies To [?]	Printed Circuit Board
For Use With	Receptacle Housing

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

Packaging Features	
Packaging Method	Tube/Box
Packaging Quantity	17

Other	
Series	D-3100
Series No.	3000
Brand	TE Connectivity
Comment	Circuit no.2 and 4 empty

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