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DRC22-50P02 Product Details

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Active

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DRC Series Rectangular Connectors

50P RECP ASM

DRC22-50P02

TE Internal Number: DRC22-50P02

Product Highlights

View All

- DRC Product Line
- Wire-to-Wire
- Applies To Receptacle
- Connector
- Receptacle

Pricing & Availability

Request Sample

Add to My Part List

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- Documents
- Features
- Compliance

Please Note:
Use the Product Drawing for all design activity

Product Type Features <table><tr><td>Product Line</td><td>DRC</td></tr><tr><td>Product Type</td><td>Connector</td></tr><tr><td>Connector Type</td><td>Receptacle</td></tr><tr><td>PCB Mounting Orientation</td><td>Straight</td></tr><tr><td>Sealed</td><td>Yes</td></tr><tr><td>PCB Mount Alignment</td><td>With</td></tr></table>	Product Line	DRC	Product Type	Connector	Connector Type	Receptacle	PCB Mounting Orientation	Straight	Sealed	Yes	PCB Mount Alignment	With	Housing Features <table><tr><td>Housing Material</td><td>Thermoplastic</td></tr><tr><td>Housing Color</td><td>Black</td></tr><tr><td>Mating Alignment Type</td><td>Keyed</td></tr><tr><td>Mating Alignment</td><td>With</td></tr></table>	Housing Material	Thermoplastic	Housing Color	Black	Mating Alignment Type	Keyed	Mating Alignment	With
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Electrical Characteristics <table><tr><td>Contact - Rated Current (A)</td><td>7.5</td></tr><tr><td>Operating Voltage Reference</td><td>DC</td></tr><tr><td>Operating Voltage (VDC)</td><td>250</td></tr></table>	Contact - Rated Current (A)	7.5	Operating Voltage Reference	DC	Operating Voltage (VDC)	250	Industry Standards <table><tr><td>UL Flammability Rating</td><td>UL 94V-0</td></tr><tr><td>RoHS/ELV Compliance</td><td>RoHS compliant, ELV compliant</td></tr><tr><td>RoHS/ELV Compliance History</td><td>Always was RoHS compliant</td></tr></table>	UL Flammability Rating	UL 94V-0	RoHS/ELV Compliance	RoHS compliant, ELV compliant	RoHS/ELV Compliance History	Always was RoHS compliant								
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Termination Features <table><tr><td>Seal Type</td><td>Flange</td></tr></table>	Seal Type	Flange	Identification Marking <table><tr><td>Keying</td><td>With</td></tr></table>	Keying	With																
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	Environmental <table><tr><td>Operating Temperature (°C)</td><td>125 [257]</td></tr></table>	Operating Temperature (°C)	125 [257]																		
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Termination Method to PC Board Through Hole - Solder		[°F])	
Dimensions		Conditions for Usage	
PCB Thickness, Recommended (mm [in]) 1.60 - 1.80 [0.062 - 0.070]		Applies To Receptacle	
Body Features		Operation/Application	
Mating Retention With		Application Use Wire-to-Wire	
Contact Features		Contact Transmits (Typical Application) Signal/Power	
Contact Type Pin		Industry Application Harsh Environment/Industrial	
Contact Layout In-Line		Other	
Contact Base Material Copper Alloy		Industry Industrial-Commercial & Building Equip	
Contact Plating, Mating Area, Material Gold over Nickel		Brand DEUTSCH	
Contact Qty Size 20 50			

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