

DRC12-70PA Product Details

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DRC Series Rectangular Connectors

70P RECP ASM
DRC12-70PA
TE Internal Number: DRC12-70PA

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Product Highlights [View All](#)

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

[Documents](#) | [Features](#) | [Compliance](#)

Please Note:
Use the Product Drawing for all design activity

Product Type Features	
Product Line	DRC
Product Type	Connector
Connector Type	Receptacle
Wire Insulation Diameter (mm [in])	2.54 - 3.40 [0.100 - 0.134]
Wire/Cable Type	SXL, GXL & TXL
Sealed	Yes

Mechanical Attachment	
Contact Retention	With
Contact Retention Type	Retainer
Panel Mount Retention	With
Panel Mount Retention Type	Panel Mount
Mating Retention Type	Jackscrew(s)

Electrical Characteristics	
Contact - Rated Current (A)	13
Operating Voltage Reference	DC
Operating Voltage (VDC)	250

Termination Features	
Wire/Cable Size (mm ²)	0.5 - 2
Wire/Cable Size (AWG)	14 - 20
Termination Method to Wire/Cable	Crimp
Seal Type	Grommet

Dimensions	
Contact Qty Size 16	70

Body Features	
Wire Type	Stranded
Cable Exit Angle	180°
Mating Retention	With

Contact Features	
Contact Type	Pin
Contact Layout	In-Line
Contact Base Material	Copper Alloy
Contact Plating, Mating Area, Material	Nickel over Copper

Housing Features	
Housing Material	Thermoplastic
Housing Color	Black
Mating Alignment Type	Keyed
Mating Alignment	With

Configuration Features	
Number of Positions	70

Industry Standards	
UL Flammability Rating	UL 94V-0
RoHS/ELV Compliance	RoHS compliant, ELV compliant
RoHS/ELV Compliance History	Always was RoHS compliant

Identification Marking	
Keying	With

Environmental	
Operating Temperature (°C [°F])	125 [257]

Conditions for Usage	
Applies To	Receptacle

Operation/Application	
Application Use	Wire-to-Wire
Contact Transmits (Typical Application)	Signal/Power
Industry Application	Harsh Environment/Industrial

Other	
Industry	Industrial-Commercial & Building Equip
Brand	DEUTSCH

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