

## DRC18-40SAE Product Details

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### DRC Series Rectangular Connectors

40P PLUG ASM

**DRC18-40SAE**

TE Internal Number: DRC18-40SAE

[Product Highlights](#) [View All](#)

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

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**Please Note:**  
 Use the Product Drawing for all design activity

**Product Type Features**

|                                    |                              |
|------------------------------------|------------------------------|
| Product Line                       | DRC                          |
| Product Type                       | Connector                    |
| Connector Type                     | Plug                         |
| Wire Insulation Diameter (mm [in]) | 1.35 – 3.048 [0.053 – 0.120] |
| Wire/Cable Type                    | SXL, GXL & TXL               |
| Sealed                             | Yes                          |

**Housing Features**

|                       |               |
|-----------------------|---------------|
| Housing Material      | Thermoplastic |
| Housing Color         | Black         |
| Mating Alignment Type | Keyed         |
| Mating Alignment      | With          |

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**Mechanical Attachment**

|                        |              |
|------------------------|--------------|
| Contact Retention      | With         |
| Contact Retention Type | Retainer     |
| Mating Retention Type  | Jackscrew(s) |

**Electrical Characteristics**

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

**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 | Plug |
|------------|------|

**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                                |

|  |                    |
|--|--------------------|
| Dimensions                             |                    |
| Contact Qty Size 16                    | 40                 |
| Body Features                          |                    |
| Wire Type                              | Stranded           |
| Cable Exit Angle                       | 180°               |
| Mating Retention                       | With               |
| Contact Features                       |                    |
| Contact Type                           | Socket             |
| Contact Layout                         | In-Line            |
| Contact Base Material                  | Copper Alloy       |
| Contact Plating, Mating Area, Material | Nickel over Copper |

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