

DRC18-40SAE-P013 Product Details

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DRC Series Rectangular Connectors

40P PLUG ASM

DRC18-40SAE-P013

TE Internal Number: DRC18-40SAE-P013

[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 |

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 | 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 |

Housing Features

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

Configuration Features

| | |
|---------------------|----------|
| Number of Positions | 40 |
| Strain Relief | Optional |

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 |

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