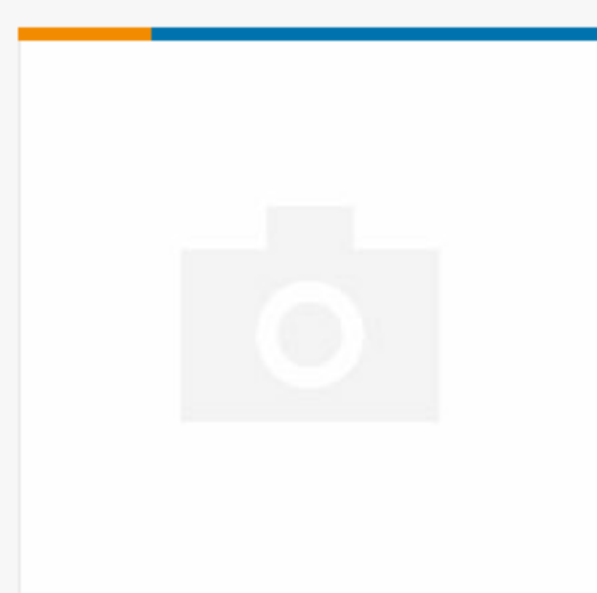


STANDARD CIRCULAR CONNECTORS



✓ Active

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TE CONNECTIVITY SQUARE FLANGE RECEPTACLE

D38999/20JJ37JA
 TE Internal Number: YACT20JJ37JAV00100
 Mil-Spec: D38999/20JJ37JA
 Alias ID: ACT20JJ37JAV001

[Not EU RoHS or ELV Compliant](#)
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Product Type **Connector**

Mounting Style **Square Flange**

Shell Plating Material **Cadmium, O.D.**

Shell Material **Composite**

Polarization Code **A**

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North America ▼

Contact us to request pricing, availability and customization options.

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| | |
|---------------------------------------|--|
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DOCUMENTATION [FEATURES](#)

Please review product documents or [contact us](#) for the latest agency approval information.

Product Type Features

| | |
|------------------|---------------------------------|
| Product Type | Connector |
| Connector System | Wire-to-Panel |
| Shell Size | J (25) |
| Sealed | Yes |
| Connector Style | Receptacle |
| Shell Type | Square Flange Receptacle |
| Assembly Type | Electrical Connector |

Configuration Features

| | |
|-----------------------------|------------------------------|
| Number of Power Positions | 37 |
| Number of Signal Positions | 0 |
| Preloaded | No |
| Number of Positions | 37 |
| Factory Installed Backshell | No |
| Positions Unloaded | All |
| Keying | Keyway Polarization A |
| Position Keyed | A |

Electrical Characteristics

| | |
|---------------|-------------|
| Voltage(Vrms) | 2300 |
|---------------|-------------|

Body Features

| | |
|-------------------------------|---|
| Shell Plating Material | Cadmium, O.D. |
| Shell Material | Composite |
| Insulation Material | Hard Dielectric/Silicone |
| Hermetically Sealed | No |
| Weight | 41.5g[.0916lb] |
| Fluid Type | Coolanol 25, M2-V, MIL-DTL-5624 (JP-4,JP-5), MIL-DTL-83133 (JP-8), MIL-PRF-23699, MIL-PRF-5606, MIL-PRF-7808, SEA-AMS1424 Type I |
| Environmental Protection Type | Elastomer Sealed |
| O-Ring Material | Silicone |
| Environmental Protection | Yes |
| Feedthrough Type | No |
| Peripheral Seal Material | Silicone |
| Entry Style | Rear Insertion |

Contact Features

| | |
|----------------------------|---------------|
| Contact Layout | J37 |
| Contact Type | Socket |
| Contact Quantity (Size 16) | 37 |

Mechanical Attachment

| | |
|----------------------------|------------------------------|
| Mounting Style | Square Flange |
| Polarization Code | A |
| Mating Alignment Type | Keyed |
| Mating Retention | With |
| Flange | Square Flange |
| Mating Retention Type | Triple Start Threaded |
| Panel Mount Retention | With |
| Panel Mount Retention Type | Square Flange |

Housing Features

| | |
|-----------------|-----------------|
| Alignment Keyed | Clocking |
|-----------------|-----------------|

Dimensions

| | |
|--|-------------------------------------|
| Accepts Wire Insulation Diameter Range | 1.65 – 2.77mm[.065 – .109in] |
| Assembly Length | 31.5mm[1.2402in] |

Usage Conditions

| | |
|-----------------------------|---------------------------------|
| Operating Temperature Range | -85 – 347°C[-65 – 175°F] |
| Fluid Resistance | Yes |

Operation/Application

| | |
|---------------------------|-------------|
| Durability Rating(Cycles) | 1500 |
|---------------------------|-------------|

Packaging Features

| | |
|--------------------|----------|
| Packaging Quantity | 1 |
|--------------------|----------|

Product Compliance

[Statement of Compliance PDF](#)
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COMPATIBLE

No compatible products found for D38999/20JJ37JA

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