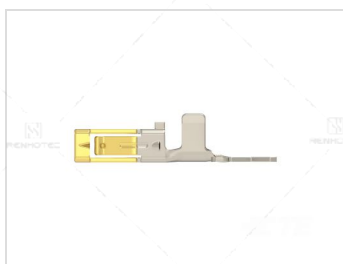


Receptacle Terminal .52 – 1.04 mm<sup>2</sup> Wire .8 mm (.031 in)  
 Tab Width Gold (Au) .25 mm (.01 in) Tab Thickness  
 Unsealed Terminates To Wire FAKRA

Part Number:

**TE-2005002-3**



### Basic Information

|                     |                              |
|---------------------|------------------------------|
| Series              | FAKRA                        |
| Tcpn                | 2005002-3                    |
| Product Description | REC CONTACT FOR RF STRIPLINE |
| Receptacle Style    | 180°                         |
| Interface Plating   | Gold (Au)                    |

### Mechanical Specification

|                      |                 |
|----------------------|-----------------|
| Mating Tab Width     | .8 mm (.031 in) |
| Mating Tab Thickness | .25 mm (.01 in) |
| Tab Length           | 5.5 mm (.22 in) |

### Material Specification

|                                  |             |
|----------------------------------|-------------|
| Wire Contact Termination Plating | Nickel      |
| Insulation Option                | Uninsulated |
| Compatible Wire Base Material    | Copper      |

### Electrical Specification

|                              |                      |
|------------------------------|----------------------|
| Termination to Cable         | Crimp                |
| Contact Fabrication          | Stamped & Formed     |
| Crimp Type                   | F-Crimp              |
| Terminal Type                | Receptacle           |
| Product Terminates To        | Wire                 |
| Wire Size (mm <sup>2</sup> ) | .52 – 1.04           |
| Terminal Transmits           | 0 – 24 A (Low Power) |
| Typical Current Rating (A)   | 1.0                  |

### Environmental Specification

|                             |                              |
|-----------------------------|------------------------------|
| Packaging Quantity          | 10000.0                      |
| Operating Temperature (Max) | 85 °C ( 185 °F )             |
| Operating Temperature Range | -40 – 85 °C ( -40 – 185 °F ) |
| Packaging Method            | Reel                         |
| Terminal Seal Type          | Unsealed                     |

### Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.