

SOURIAU Sealed Plastic Circular Connectors

SOURIAU
Connection Technology

RoHS Compliant This product is RoHS compliant.

UTS HI SEAL IP68/IP69K SEALING TRIM TRIO®

Features:

- High density layouts
- Waterproof mated and unmated
- Secure, reliable bayonet coupling
- Solder cup contacts
- Utilizes the trim trio contact system
- MIL-DTL-26482 compatible

Applications:

- Video surveillance
- Parking detection systems
- Lifting equipment
- Meteorological measurement systems



For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Souriau Part No. | Fig. | Shell Size | No. of Contacts | Contact Type | Price Each | | |
|-----------------------------------|------------------|------|------------|-----------------|--------------|------------|-------|-------|
| | | | | | | 1 | 10 | 25 |
| Cable Plugs with Backshell | | | | | | | | |
| 649-UTS6JC8E2P | UTS6JC8E2P | A | 8 | 2 | Pin | 21.64 | 17.32 | 15.75 |
| 649-UTS6JC8E3P | UTS6JC8E3P | A | 8 | 3 | Pin | 22.58 | 18.06 | 16.44 |
| 649-UTS6JC8E4P | UTS6JC8E4P | A | 8 | 4 | Pin | 23.71 | 18.96 | 17.25 |
| 649-UTS6JC12E10P | UTS6JC12E10P | A | 12 | 10 | Pin | 26.46 | 21.17 | 19.26 |
| 649-UTS6JC14E18P | UTS6JC14E18P | A | 14 | 18 | Pin | 32.95 | 26.37 | 23.99 |
| 649-UTS6JC14E19P | UTS6JC14E19P | A | 14 | 19 | Pin | 32.82 | 26.25 | 23.89 |
| 649-UTS6JC12E10S | UTS6JC12E10S | A | 12 | 10 | Socket | 29.32 | 23.46 | 21.34 |
| 649-UTS6JC12E14S | UTS6JC12E14S | A | 12 | 14 | Socket | 44.40 | 40.21 | 36.74 |
| 649-UTS6JC14E19S | UTS6JC14E19S | A | 14 | 19 | Socket | 36.30 | 29.05 | 26.42 |
| Jam Nut Receptacles | | | | | | | | |
| 649-UTS712E10P | UTS712E10P | B | 12 | 10 | Pin | 28.42 | 22.73 | 20.68 |
| 649-UTS714E19P | UTS714E19P | B | 14 | 19 | Pin | 36.19 | 28.95 | 26.35 |
| Square Flange Receptacles | | | | | | | | |
| 649-UTS012E14P | UTS012E14P | C | 12 | 14 | Pin | 29.96 | 27.13 | 24.79 |
| 649-UTS08E2S | UTS08E2S | C | 8 | 2 | Socket | 15.91 | 12.72 | 11.58 |
| 649-UTS08E3S | UTS08E3S | C | 8 | 3 | Socket | 16.75 | 13.40 | 12.19 |
| 649-UTS08E4S | UTS08E4S | C | 8 | 4 | Socket | 18.55 | 14.84 | 13.50 |
| 649-UTS012E10S | UTS012E10S | C | 12 | 10 | Socket | 23.03 | 18.42 | 16.77 |
| 649-UTS014E18S | UTS014E18S | C | 14 | 18 | Socket | 29.98 | 27.15 | 24.81 |
| 649-UTS014E19S | UTS014E19S | C | 14 | 19 | Socket | 33.83 | 27.06 | 24.62 |

UTS SERIES WITH IP68/69K SEALING TRIM TRIO®

Specifications:

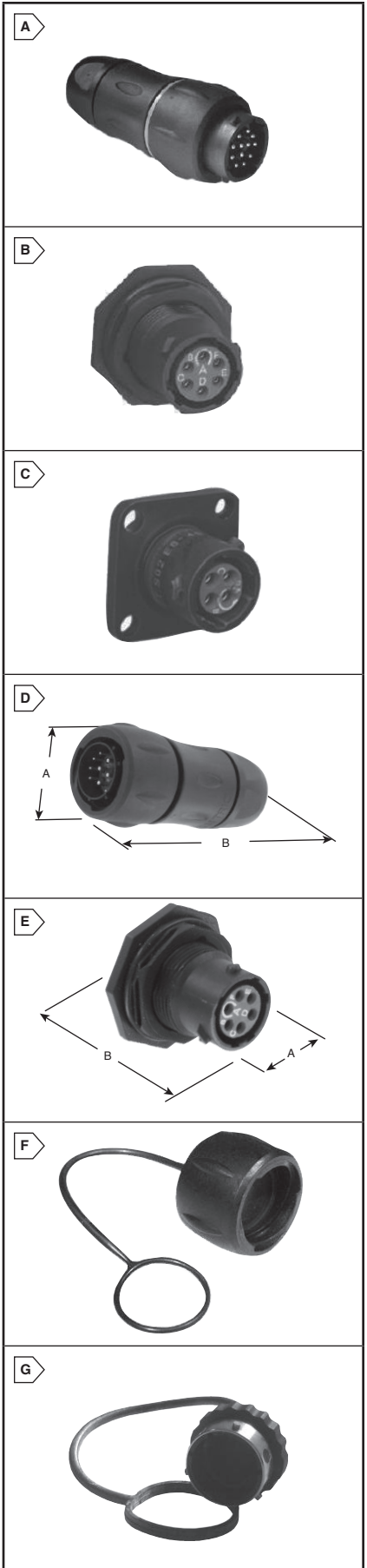
- Connectors and Backshell Material: Thermoplastic
- ROHS Compliant per Souriau Documentation
- Operating temperature: -40°C to +105°C
- Quick, secure, and reliable bayonet locking system
- UTS Connectors accept TRIM TRIO® removable snap lock contacts
- UV resistant - Suitable for outdoor use
- Contacts ordered separately (see Souriau Contacts and Tooling page)

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Souriau Part No. | Fig. | Shell Size | No. of Contacts | Contact Type | Contact Size | Dimensions: mm | | Price Each | | |
|--|------------------|------|------------|-----------------|--------------|--------------|----------------|------|------------|-------|-------|
| | | | | | | | A | B | 1 | 10 | 25 |
| Cable Plugs with Backshell for Pin and Socket Contacts | | | | | | | | | | | |
| 649-UTS6JC103P | UTS6JC103P | D | 10 | 3 | Pin | 16 | 26.2 | 63.2 | 14.23 | 13.48 | 13.10 |
| 649-UTS6JC104P | UTS6JC104P | D | 10 | 4 | Pin | 16 | 26.2 | 63.2 | 12.06 | 11.53 | 11.18 |
| 649-UTS6JC106P | UTS6JC106P | D | 10 | 6 | Pin | 20 | 26.2 | 63.2 | 11.78 | 11.28 | 10.94 |
| 649-UTS6JC124P | UTS6JC124P | D | 12 | 4 | Pin | 16 | 29.7 | 66.7 | 12.71 | 12.15 | 11.79 |
| 649-UTS6JC128P | UTS6JC128P | D | 12 | 8 | Pin | 16 | 29.7 | 66.7 | 12.71 | 12.15 | 11.79 |
| 649-UTS6JC1210P | UTS6JC1210P | D | 12 | 10 | Pin | 20 | 29.7 | 66.7 | 12.71 | 12.16 | 11.79 |
| 649-UTS6JC147P | UTS6JC147P | D | 14 | 7 | Pin | 16 | 34.6 | 71.5 | 13.53 | 12.93 | 12.55 |
| 649-UTS6JC1412P | UTS6JC1412P | D | 14 | 12 | Pin | 16 | 34.6 | 71.5 | 13.52 | 12.93 | 12.55 |
| 649-UTS6JC1419P | UTS6JC1419P | D | 14 | 19 | Pin | 20 | 34.6 | 71.5 | 13.52 | 12.93 | 12.55 |
| 649-UTS6JC103S | UTS6JC103S | D | 10 | 3 | Socket | 16 | 26.2 | 63.2 | 14.23 | 13.48 | 13.10 |
| 649-UTS6JC104S | UTS6JC104S | D | 10 | 4 | Socket | 16 | 26.2 | 63.2 | 13.00 | 12.43 | 12.05 |
| 649-UTS6JC106S | UTS6JC106S | D | 10 | 6 | Socket | 20 | 26.2 | 63.2 | 14.44 | 13.81 | 13.38 |
| 649-UTS6JC124S | UTS6JC124S | D | 12 | 4 | Socket | 16 | 29.7 | 66.7 | 12.71 | 12.15 | 11.79 |
| 649-UTS6JC128S | UTS6JC128S | D | 12 | 8 | Socket | 16 | 29.7 | 66.7 | 12.71 | 12.15 | 11.79 |
| 649-UTS6JC1210S | UTS6JC1210S | D | 12 | 10 | Socket | 20 | 29.7 | 66.7 | 15.07 | 14.43 | 13.98 |
| 649-UTS6JC147S | UTS6JC147S | D | 14 | 7 | Socket | 16 | 34.6 | 71.5 | 13.52 | 12.93 | 12.55 |
| 649-UTS6JC1412S | UTS6JC1412S | D | 14 | 12 | Socket | 16 | 34.6 | 71.5 | 13.52 | 12.93 | 12.55 |
| 649-UTS6JC1419S | UTS6JC1419S | D | 14 | 19 | Socket | 20 | 34.6 | 71.5 | 15.97 | 15.28 | 14.82 |
| Jam Nut Receptacles (Panel Version) for Pin and Socket Contacts | | | | | | | | | | | |
| 649-UTS7103P | UTS7103P | E | 10 | 3 | Pin | 16 | 16.6 | 33.9 | 7.81 | 7.48 | 7.25 |
| 649-UTS7104P | UTS7104P | E | 10 | 4 | Pin | 16 | 16.6 | 33.9 | 7.81 | 7.48 | 7.25 |
| 649-UTS7106P | UTS7106P | E | 10 | 6 | Pin | 20 | 16.6 | 33.9 | 7.81 | 7.48 | 7.26 |
| 649-UTS7124P | UTS7124P | E | 12 | 4 | Pin | 16 | 20.8 | 33.9 | 8.23 | 7.88 | 7.64 |
| 649-UTS7128P | UTS7128P | E | 12 | 8 | Pin | 16 | 20.8 | 33.9 | 8.23 | 7.88 | 7.64 |
| 649-UTS71210P | UTS71210P | E | 12 | 10 | Pin | 20 | 20.8 | 33.9 | 8.25 | 7.89 | 7.64 |
| 649-UTS7147P | UTS7147P | E | 14 | 7 | Pin | 16 | 23.9 | 33.9 | 8.80 | 8.41 | 8.17 |
| 649-UTS71412P | UTS71412P | E | 14 | 12 | Pin | 16 | 23.9 | 33.9 | 8.79 | 8.41 | 8.17 |
| 649-UTS71419P | UTS71419P | E | 14 | 19 | Pin | 20 | 23.9 | 33.9 | 8.80 | 8.42 | 8.16 |
| 649-UTS7103S | UTS7103S | E | 10 | 3 | Socket | 16 | 16.6 | 33.9 | 7.20 | 6.90 | 6.69 |
| 649-UTS7104S | UTS7104S | E | 10 | 4 | Socket | 16 | 16.6 | 33.9 | 7.40 | 7.09 | 6.87 |
| 649-UTS7106S | UTS7106S | E | 10 | 6 | Socket | 20 | 16.6 | 33.9 | 9.78 | 9.36 | 9.08 |
| 649-UTS7124S | UTS7124S | E | 12 | 4 | Socket | 16 | 20.8 | 33.9 | 7.89 | 7.56 | 7.33 |
| 649-UTS7128S | UTS7128S | E | 12 | 8 | Socket | 16 | 20.8 | 33.9 | 7.89 | 7.56 | 7.33 |
| 649-UTS71210S | UTS71210S | E | 12 | 10 | Socket | 20 | 20.8 | 33.9 | 10.22 | 9.77 | 9.46 |
| 649-UTS7147S | UTS7147S | E | 14 | 7 | Socket | 16 | 23.9 | 33.9 | 8.43 | 8.06 | 7.83 |
| 649-UTS71412S | UTS71412S | E | 14 | 12 | Socket | 16 | 23.9 | 33.9 | 8.44 | 8.07 | 7.83 |
| 649-UTS71419S | UTS71419S | E | 14 | 19 | Socket | 20 | 23.9 | 33.9 | 10.88 | 10.42 | 10.09 |

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| MOUSER STOCK NO. | Souriau Part No. | Fig. | Shell Size | Type | Price Each | | |
|--|------------------|------|------------|------------|------------|------|------|
| | | | | | 1 | 10 | 25 |
| Receptacle Sealing Caps and Plugs | | | | | | | |
| 649-UTS10DCG | UTS10DCG | F | 10 | Receptacle | 3.79 | 3.64 | 3.53 |
| 649-UTS12DCG | UTS12DCG | F | 12 | Receptacle | 5.40 | 5.11 | 4.97 |
| 649-UTS14DCG | UTS14DCG | F | 14 | Receptacle | 4.65 | 4.45 | 4.32 |
| 649-UTS610DCG | UTS610DCG | G | 10 | Plug | 7.23 | 6.92 | 6.70 |
| 649-UTS612DCG | UTS612DCG | G | 12 | Plug | 8.05 | 7.72 | 7.49 |
| 649-UTS614DCG | UTS614DCG | G | 14 | Plug | 9.17 | 8.78 | 8.51 |
| Color Coding Rings | | | | | | | |
| 649-UTS710CCRG | UTS710CCRG | - | 10 | Green | .41 | .40 | .38 |
| 649-UTS712CCRG | UTS712CCRG | - | 12 | Green | .41 | .396 | .381 |
| 649-UTS714CCRG | UTS714CCRG | - | 14 | Green | .41 | .396 | .381 |
| 649-UTS710CCRY | UTS710CCRY | - | 10 | Yellow | .72 | .67 | .65 |
| 649-UTS712CCRY | UTS712CCRY | - | 12 | Yellow | .41 | .396 | .381 |
| 649-UTS714CCRY | UTS714CCRY | - | 14 | Yellow | .41 | .40 | .38 |
| 649-UTS710CCRR | UTS710CCRR | - | 10 | Red | .41 | .40 | .38 |
| 649-UTS712CCRR | UTS712CCRR | - | 12 | Red | .41 | .396 | .381 |



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