

SOURIAU Contacts and Tooling



This product is RoHS compliant.

TRIM TRIO™ FORMED CONTACTS

Contacts are two piece formed crimp snap-in pin and sockets. Any TRIM TRIO™ contact can be used in any contact position in any connector in the TRIM TRIO™ interconnection system.

- Features:**
- Made from high conductive copper alloy with gold or tin over nickel plate finish
 - Two piece construction with dual purpose spring which serves for contact retention and protects the body against damage
 - Suitable for high volumes and lower installation cost

- Specifications:**
- Size 16 - 1.6mm(.063") diameter
 - Size 20 - 1.0mm(.040") diameter
 - Contact body: High conductive copper alloy
 - Outer spring: Stainless steel
 - Size 16 - Current rating: 13A
 - Size 20 - Current rating: 5A

Formed Pin Contacts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Souriau Part No.	Fig.	Contact Size	Wire Size	Plating	Insulation Diameter (mm)	Price Each		
							1	10	25
649-SM20WL-3S26	SM20WL-3S26	A	20	22-20AWG	75µ" Gold	1.17-2.08	.65	.59	.57
649-SM24WL-3S26	SM24WL-3S26	A	20	26-24AWG	75µ" Gold	.89-1.58	.63	.59	.56
649-SM16ML1S6	SM16ML1S6	A	16	18-16AWG	75µ" Gold	3.0	1.15	1.10	.99
649-SM20ML1S6	SM20ML1S6	A	16	22-20AWG	75µ" Gold	1.17-2.08	1.49	1.40	1.35
649-SM16ML-1D70	SM16ML-1D70	A	16	18-16AWG	Gold Flash	3.0	.80	.74	.696
649-SM20ML-1D70	SM20ML-1D70	A	16	22-20AWG	Gold Flash	1.17-2.08	1.08	.96	.865
649-SM14ML-1TK6	SM14ML-1TK6	A	16	14AWG	Tin	3.2	.52	.50	.46
649-SM16ML-1TK6	SM16ML-1TK6	A	16	18-16AWG	Tin	3.0	.34	.333	.322
649-SM20ML-1TK6	SM20ML-1TK6	A	16	22-20AWG	Tin	1.17-2.08	.49	.42	.40
649-SM24ML-1TK6	SM24ML-1TK6	A	16	26-24AWG	Tin	.89-1.58	.42	.36	.34

Formed Socket Contacts

MOUSER STOCK NO.	Souriau Part No.	Fig.	Contact Size	Wire Size	Plating	Insulation Diameter (mm)	Price Each		
							1	10	25
649-SC20WL-3S25	SC20WL-3S25	B	20	22-20AWG	75µ" Gold	1.17-2.08	.74	.675	.652
649-SC24WL-3S25	SC24WL-3S25	B	20	26-24AWG	75µ" Gold	.89-1.58	.68	.63	.61
649-SC14ML1S6	SC14ML1S6	B	16	14AWG	75µ" Gold	3.2	1.68	1.58	1.52
649-SC16ML1S6	SC16ML1S6	B	16	18-16AWG	75µ" Gold	3.0	1.04	.90	.857
649-SC20ML1S6	SC20ML1S6	B	16	22-20AWG	75µ" Gold	1.17-2.08	1.68	1.58	1.52
649-SC24ML1S6	SC24ML1S6	B	16	26-24AWG	75µ" Gold	.89-1.58	1.33	1.21	1.11
649-SC16ML1D70	SC16ML1D70	B	16	18-16AWG	Gold Flash	3.0	1.01	.82	.75
649-SC20ML1D70	SC20ML1D70	B	16	22-20AWG	Gold Flash	1.17-2.08	.91	.80	.73
649-SC16ML1TK6	SC16ML1TK6	B	16	18-16AWG	Tin	3.0	.44	.41	.39
649-SC20ML1TK6	SC20ML1TK6	B	16	22-20AWG	Tin	1.17-2.08	.45	.43	.39
649-SC24ML1TK6	SC24ML1TK6	B	16	26-24AWG	Tin	.89-1.58	.55	.52	.49

TRIM TRIO™ SIZE 16 MACHINED CONTACTS

- Features:**
- Made from high conductive copper alloy with gold over nickel plate finish
 - Any TRIM TRIO™ contact can be used in any contact position in any connector in the TRIM TRIO™ interconnection system
 - Heat-treated beryllium copper locking springs assure proper locking and alignment of contacts in the housing
 - Closed entry design on RC socket contact to prevent probe damage

- Specifications:**
- Contact body: High conductive copper alloy
 - Outer spring: Tempered, heat-treated, beryllium copper
 - Inner spring socket: Tempered, heat-treated, plated beryllium copper
 - Current rating: 13A

Machined Pin Contacts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Souriau Part No.	Fig.	Wire Size	Plating	Maximum Wire Dia. (mm)	Maximum Insulation Dia. (mm)	Price Each		
							1	10	25
649-RM20M12D28	RM20M12D28	A	22-20AWG	30µ" Gold	1.18	2.2	3.41	3.06	2.93
649-RM16M23D28	RM16M23D28	A	20-16AWG	30µ" Gold	1.8	3.2	1.99	1.77	1.59
649-SM24ML-1TK6	SM24ML-1TK6	A	16	26-24AWG	Tin	.89-1.58	.42	.36	.34

Machined Socket Contacts

MOUSER STOCK NO.	Souriau Part No.	Fig.	Wire Size	Plating	Maximum Wire Dia. (mm)	Maximum Insulation Dia. (mm)	Price Each		
							1	10	25
649-RC28M1D28	RC28M1D28	B	30-28AWG	30µ" Gold	0.55	1.1	1.47	1.32	1.30
649-RC24M9D28	RC24M9D28	B	26-24AWG	30µ" Gold	0.8	1.6	4.44	4.21	4.03
649-RC20M12D28	RC20M12D28	B	22-20AWG	30µ" Gold	1.18	2.2	2.62	2.38	2.17
649-RC16M23D28	RC16M23D28	B	20-16AWG	30µ" Gold	1.8	3.2	1.90	1.73	1.58

TRIM TRIO™ SIZE 16 MONOCRIMP SUBMINIATURE COAXIAL CONTACTS

One Piece Contacts for Subminiature Coaxial Cables

- Features:**
- The monocrimp one-piece coaxial contacts offer reliability plus the economic advantage of a 95% reduction in installation time over conventional assembly methods
 - Any TRIM TRIO™ contact can be used in any contact position in any connector in the TRIM TRIO™ interconnection system

- Plating:**
- Retaining spring plating: Nickel plated
 - Inner and outer contacts: 0.75µ" Gold min. over Nickel

- Materials:**
- Inner and outer contacts: Brass
 - Retaining spring: Beryllium copper
 - Insulating bushing: Nylon

- Specifications:**
- Operating temperature: -55°C + 125°C
 - Isolation @ 30MHz: 140db

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Souriau Part No.	Fig.	Gender	Wire Size	Cable Type	Price Each		
						1	10	25
649-RMDX6032D28	RM20M12D28	C	Male	28	RG174/U	9.50	8.62	7.91
649-RMDX60-36D28	RM16M23D28	C	Male	26	RG188/U	9.52	8.64	7.91
649-RCDX6016D28	SM24ML-1TK6	D	Female	30	RG178B/U	23.04	20.91	19.17

TOOLING

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Souriau Part No.	Fig.	Description	Price Each
649-RX2025GE1	RX2025GE1	E	Extraction tool	85.10

