

# SOURIAU TRIM TRIO™ Contacts and Tooling



## TRIM TRIO™ SIZE 16 FORMED CONTACTS

Size 16 - 1.6mm (.063") diameter 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:

- Contact body: High conductive copper alloy
- Outer spring: Stainless steel
- Current rating: 13 amp

### Formed Pin Contacts

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Souriau Part No.	Fig.	Wire Size	Plating	Insulation Diameter (mm)	Wire Strip Length (mm)	Price Each			
							1	10	25	50
649-SM16ML1S6	SM16ML1S6	A	18-16 AWG	30µ" Gold	3.0	6.35	1.25	1.10	.85	.75
649-SM20ML1S6	SM20ML1S6	A	22-20 AWG	30µ" Gold	1.17-2.08	4.00	1.26	1.16	.95	.68
649-SM16ML-1D70	SM16ML-1D70	A	18-16 AWG	5µ" Gold	3.0	6.35	.68	.59	.54	.46
649-SM20ML-1D70	SM20ML-1D70	A	22-20 AWG	5µ" Gold	1.17-2.08	4.00	.61	.54	.48	.41
649-SM14ML-1TK6	SM14ML-1TK6	A	14 AWG	Tin	3.2	6.35	.37	.32	.29	.25
649-SM16ML-1TK6	SM16ML-1TK6	A	18-16 AWG	Tin	3.0	6.35	.38	.33	.30	.27
649-SM20ML-1TK6	SM20ML-1TK6	A	22-20 AWG	Tin	1.17-2.08	4.00	.38	.33	.30	.27
649-SM24ML-1TK6	SM24ML-1TK6	A	26-24 AWG	Tin	.89-1.58	4.00	.35	.31	.27	.24

### Formed Socket Contacts

MOUSER STOCK NO.	Souriau Part No.	Fig.	Wire Size	Plating	Maximum Wire Dia. (mm)	Maximum Insulation Dia. (mm)	Wire Strip Length	Price Each			
								1	10	25	50
649-SC14ML1S6	SC14ML1S6	B	14 AWG	30µ" Gold	3.2	3.0	6.35	1.45	1.31	1.00	.85
649-SC16ML1S6	SC16ML1S6	B	18-16 AWG	30µ" Gold	3.0	3.0	6.35	1.45	1.31	1.00	.85
649-SC20ML1S6	SC20ML1S6	B	22-20 AWG	30µ" Gold	1.17-2.08	4.00	1.10	.97	.88	.79	
649-SC24ML1S6	SC24ML1S6	B	26-24 AWG	30µ" Gold	.89-1.58	4.00	1.10	.97	.88	.79	
649-SC16ML1D70	SC16ML1D70	B	18-16 AWG	5µ" Gold	3.0	3.0	3.65	.75	.66	.60	.54
649-SC20ML1D70	SC20ML1D70	B	22-20 AWG	5µ" Gold	1.17-2.08	4.00	.68	.59	.54	.49	
649-SC16ML1TK6	SC16ML1TK6	B	18-16 AWG	Tin	3.0	3.0	3.65	.44	.38	.35	.31
649-SC20ML1TK6	SC20ML1TK6	B	22-20 AWG	Tin	1.17-2.08	4.00	.55	.48	.44	.40	
649-SC24ML1TK6	SC24ML1TK6	B	26-24 AWG	Tin	.89-1.58	4.00	.55	.48	.44	.40	

## TRIM TRIO™ SIZE 16 MACHINED CONTACTS

### Features:

- Made from high conductive copper alloy with gold or tin 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: 13 amp

### Machined Pin Contacts

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Souriau Part No.	Fig.	Wire Size	Plating	Maximum Wire Dia. (mm)	Maximum Insulation Dia. (mm)	Wire Strip Length	Price Each			
								1	10	25	50
649-RM20M12D28	RM20M12D28	A	22-20 AWG	30µ" Gold	1.18	2.2	4.8	2.07	1.85	1.64	1.48
649-RM16M23D28	RM16M23D28	A	20-16 AWG	30µ" Gold	1.8	3.2	7.1	1.05	.94	.91	.88

### Machined Socket Contacts

MOUSER STOCK NO.	Souriau Part No.	Fig.	Wire Size	Plating	Maximum Wire Dia. (mm)	Maximum Insulation Dia. (mm)	Wire Strip Length	Price Each			
								1	10	25	50
649-RC28M1D28	RC28M1D28	B	30-28 AWG	30µ" Gold	0.55	1.1	4.8	2.78	2.64	2.50	2.36
649-RC24M9D28	RC24M9D28	B	26-24 AWG	30µ" Gold	0.8	1.6	4.8	2.25	1.94	1.84	1.71
649-RC20M12D28	RC20M12D28	B	22-20 AWG	30µ" Gold	1.18	2.2	4.8	2.87	2.70	2.56	2.43
649-RC16M23D28	RC16M23D28	B	20-16 AWG	30µ" Gold	1.8	3.2	7.1	1.58	1.42	1.36	1.32

## 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.

### Materials:

- Inner and outer contacts: High conductive copper alloy
- Retaining spring: Beryllium copper
- Insulating bushing: Polyamide 6.6

### Plating:

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

### Specifications:

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

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Souriau Part No.	Fig.	Gender	Wire Size	Cable Type	Price Each			
						1	10	25	50
649-RMDX6032D28	RMDX6032D28	C	Male	28	RG174/U	15.31	13.47	12.25	11.02
649-RMDX60-36D28	RMDX60-36D28	C	Male	26	RG188/U	13.03	11.46	10.42	9.66
649-RCDX6016D28	RCDX6016D28	D	Female	30	RG178B/U	10.15	8.93	8.12	7.51

## TRIM TRIO™ MULTIPIECE SUBMINIATURE COAXIAL CONTACT KITS

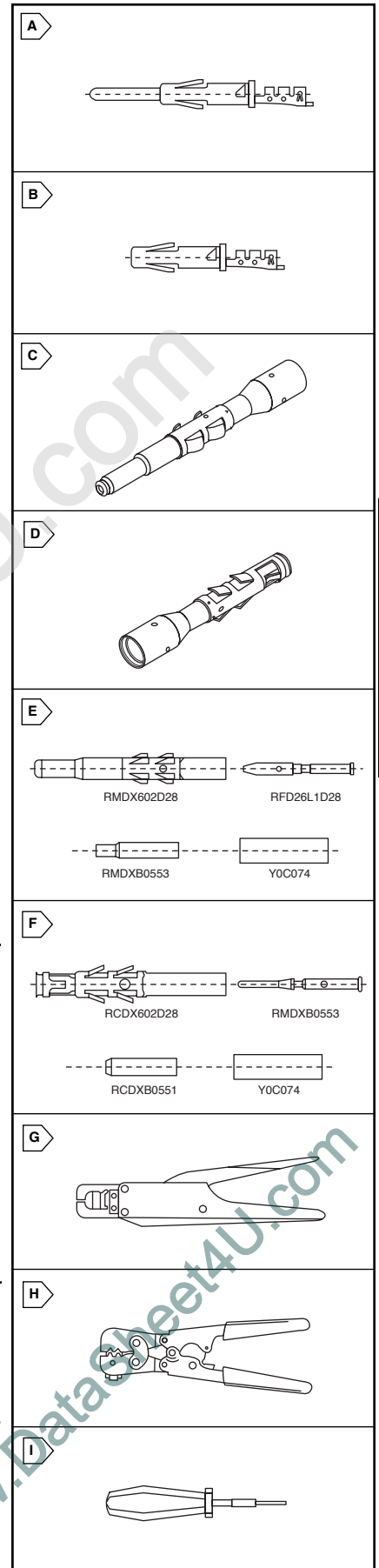
For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	Souriau Part No.	Fig.	Gender	Description	Price Each
649-RMDXK10D28	RMDXK10D28	E	Pin/Male	Includes RMDX602D28, RFD26L1D28, YOC074, and RMDXB0553	10.69
649-RCDXK1D28	RCDXK1D28	F	Socket/Female	Includes RCDX602D28, RMD26L1D28, YOC074, and RCDXB0551	15.21

## TOOLING

For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	Souriau Part No.	Fig.	Description	Price Each
649-M8ND	M8ND	G	"N" Hand Ratchet for Size 16 machined and formed contacts	788.00
649-Y14MTV	Y14MTV	H	Lightweight Crimp tool w/3 groove die set for Size 16 formed contacts	210.00
649-Y16RCM	Y16RCM	H	Lightweight Crimp tool w/3 groove die set for Size 16 machined contacts	599.00
649-RX2025GE1	RX2025GE1	I	Extraction tool	40.00



Circular Connectors Souriau