

### SHV Dual Crimp Connectors

Center contact plating: Gold

**A**

Fig.	Description	Cable Group RG/U	Digi-Key Part No.	Price Each 1 25	Tyco Electronics Part No.
28	Plug, Nickel Plug, Silver	58, 58A, 58B, 58C	A32435-ND A24665-ND	29.26 25.17 37.48 32.24	5051426-4 51426-1
	Plug, Nickel	124, 140, 210, 62, 62A, 62B, 59, 59A, 59B, Belden 9291, 9209, 9269	A32436-ND	29.26 25.17	5051426-5
29	Bulkhead Solder Jack, Silver Bulkhead Solder Jack, Nickel	—	A24667-ND A32804-ND	34.07 29.30 31.33 26.95	51426-2 5051426-2
	Bulkhead Solder Jack, Nickel	—	A24668-ND	22.07 18.99 20.29 17.46 12.87 11.07	51494-1 5051494-1 51494-2
30	Panel Solder Jack, Nickel	—	A24670-ND	37.45 32.21	51421-2

◆ RoHS Compliant † 22 AWG Center Conductor Maximum

### TNC Hex and Dual Crimp Connectors 50 and 75 Ohm

Center Contacts: Gold  
Dies for Pro-Crimper: A: A9994-ND B: A24570-ND C: A24574-ND  
Dies for SDE PEW 12: D: A97886-ND

Fig.	Ω	Description	Die	Cable Group RG/U	Digi-Key Part No.	Price Each 1 25	Tyco Electronics Part No.
<b>Hex Crimp</b>							
31	50	Plug	—	174, 188, 188A, 316	A24635-ND A32438-ND	4.41 3.80 4.05 3.49	222506-5 5222506-5
	50	Plug	A	58, 58A, 58B, 58C	A32439-ND	3.34 2.88	5222506-1
	50	Plug	D	58C, 141A, 303, URM43, 76, Belden 9907, KX15	A97585-ND	1.73 1.49	5-1814800-3
	75	Plug	D	59B, 62A, 140, 210, URM90, KX6A, KX25, KX52, KX53	A97586-ND	1.91 1.64	5-1814801-3
32	50	Jack	D	58C, 141A, 303, URM43, 76, Belden 9907, KX15	A97587-ND	3.18 2.74	5-1814802-3
<b>Dual Crimp</b>							
33	50	Plug, Weatherproof	—	223, 55, 55A, 55B	A24638-ND	22.82 19.63	225550-1
			—	142, 142A, 142B, 400	A32440-ND	15.70 13.51	5225555-6
			B	RG58A/U and RG58C/U	A32441-ND	15.32 13.18	5225555-2
			C	8, 8A, 213	A24641-ND A32442-ND	43.38 37.31 30.24 26.01	225555-7 5225555-7
			C	RG393, 9, 9A, 9B, 214	A24642-ND A32805-ND A24644-ND	20.18 17.36 21.56 18.55 26.85 23.09	1-225550-3 1-5225550-3 225550-8
			C	—	A24645-ND A32443-ND	33.16 28.52 29.93 25.74	225559-2 522559-2
34	50	Right Angle Plug, Weatherproof	—	58, 58A, 58B, 58C	A24646-ND A32806-ND	35.41 30.46 30.44 26.18	225554-6 5225554-6
			—	142, 142A, 142B, 400	A24647-ND	40.10 34.49	1-225554-1
			—	393, 225	A32807-ND	34.47 29.65	1-5225554-1
			C	—	—	—	—

◆ RoHS Compliant † Mil Type

### TNC PC Board/ Panel Mount Connectors 50 and 75 Ohm

Center Contacts: Gold

Fig.	Ω	Description	Digi-Key Part No.	Price Each 1 25	Tyco Electronics Part No.
35	50	Right Angle Jack, Metal With Mounting Posts	A32444-ND	5.34 4.59	5227839-1
36	50	Right Angle Jack, Nickel	A24650-ND	9.47 8.15	413933-1
37	50	Bulkhead Jack Adapter, Nickel	A24651-ND	8.81 7.58	221500-1
<b>Zinc Die Cast — RoHS Compliant</b>					
38	50	Bulkhead Jack	A97589-ND	1.63 1.41	5-1814804-1
	75	Bulkhead Jack	A97590-ND	1.85 1.60	5-1814804-3
39	50	Vertical PCB Jack	A97591-ND	2.31 1.99	5-1814805-1
40	50	Right Angle PCB Jack	A97592-ND	2.76 2.38	5-1814807-1

◆ RoHS Compliant

### Miniature Threaded Connectors 50 Ohm



Fig.	Description	Cable Group RG/U	Digi-Key Part No.	Price Each 1 25	Tyco Electronics Part No.
41	Plug, TEFLON	178, 178A, 178B, 196, 196A 174, 316, 188, 188A 180, 180A, 180B, 195, 195A	A24699-ND A24701-ND	11.22 9.65 27.30 23.48	2-330311-2 1-330723-0
		180, 180A, 180B, 195, 195A	A24702-ND	19.28 16.58	1-330599-0
43	Solder Jack Adapter	—	A24703-ND	23.23 19.98	329852

### Hand Tools and Die Sets for RF Connectors

Terminal Type (Crimp)	Description	Digi-Key Part No.	Price Each	Tyco Electronics Part No.
<b>50 Ohm</b>				
Dual	PRO-CRIMPER III (BNC)	A24786-ND	69.70	58433-1
—	PRO-CRIMPER III Hand Tool	A9996-ND	47.92	354940-1
—	PRO-CRIMPER II/III Repair Kit	A34584-ND	34.85	679221-1
Hex	PRO-CRIMPER III Die Set	A9995-ND	30.49	58436-3
Hex	PRO-CRIMPER III Die Set	A9994-ND	30.49	58436-1
Hex	PRO-CRIMPER III Die Set	A9960-ND	42.47	58436-2
Dual	Certi-Crimp with Die Set	A24574-ND	2172.56	220015-1
Dual	PRO-CRIMPER III Die Set	A24570-ND	38.22	58435-1
Dual	PRO-CRIMPER III Die Set	A24780-ND	125.24	318450-2
Dual	PRO-CRIMPER III Die Set	A24779-ND	525.75	58330-1
Dual	PRO-CRIMPER III Die Set	A24781-ND	395.96	318452-2
Dual	PRO-CRIMPER III Die Set	A24777-ND	92.39	220189-3
Dual	PRO-CRIMPER III Die Set	A24778-ND	92.39	220189-1
Dual	PRO-CRIMPER III Die Set	A24776-ND	177.64	58537-1
—	N-Type Coaxicon Die Set	A29142-ND	262.88	91902-1
Dual	PRO-CRIMPER III Die Set	A24775-ND	166.62	220189-2
Dual	Certi-Crimp with Die Set	A24772-ND	2069.10	69331-1
Dual	PRO-CRIMPER III with Die Set	A9970-ND	174.89	91904-2
Dual	BNC Coaxial Die Set	A30570-ND	294.77	58539-1
Dual	BNC Coaxial Die Set	A30571-ND	174.89	1424050-1
<b>BNC PRO-CRIMPER III Dies, 75 Ohm</b>				
Hex	BNC Die Set	A9993-ND	30.49	58425-2
Hex	BNC Die Set	A9992-ND	30.49	58425-1
—	Crimp Tool with Die Set	A9803-ND	76.99	58531-2
—	Crimp Tool with Die Set	A9804-ND	76.99	58531-1
—	Crimp Tool with Die Set	A9805-ND	111.08	58531-3
Dual	Die Set	A24597-ND	156.82	58085-1
Dual	Die Set	A24630-ND	147.94	318451-2
Dual	Die Set	A24631-ND	108.89	58538-1
Dual	Die Set	A24632-ND	241.98	58174-1
—	BNC Coaxicon Die Set	A29143-ND	609.84	91904-1
<b>N-Type</b>				
—	Crimp Tool with Die Set	A9807-ND	92.39	58501-1
Hex	Die Set, use with A9996-ND	A9975-ND	199.29	58485-1
<b>Cable Stripper</b>				
—	Cable Stripping Tool	A1110-ND	78.90	603995-1
<b>Zinc Die Cast</b>				
—	SDE PEW 12 Hand Tool	A97885-ND	97.89	9-1478240-0
Hex	SDE PEW 12 Die Set	A97886-ND	89.09	9-1478242-0



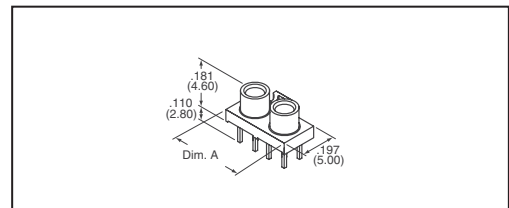
### Ganged MMCX Jacks and Plugs

Specifications:

• Shell Material: Brass • Jacks Contact Material: BeCu • Insulator Material: Teflon • Pin Material: Brass • Plating: 30µm (0.76µm) Au over 50µm (1.27µm) Ni • Operating Temperature Range: -40°C ~ 90°C • Insulation Resistance: 1000MΩ min. • Contact Resistance: Center: 5mΩ, Outer: 2.5mΩ • Impedance: 50Ω • Dielectric Withstanding Voltage: 500Vrms, 50Hz • Dielectric Working Voltage: 170Vrms, 50Hz • Frequency Range: 0 ~ 6GHz

Processing:

• Lead-Free Solderable: Yes



No. of Positions	Dimension A In. (mm)	Digi-Key Part No.	Price Each 1 10 100	Samtec Part No.
<b>Jacks</b>				
6	1.18 (30)	SAM8071-ND	27.11 22.25 19.47	GRF1-J-P-06-E-ST-THI

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