



DEUTSCH QPL CONTACTS

THE PERFORMANCE LEADER FOR
MIL-SPEC CONTACTS

QUICK REFERENCE GUIDE

High Performance

- Achieve enhanced durability – 1500 cycles (insertion/withdrawals)
- Terminate to aluminum or standard wires

More Compatibility

- Use with full range of mil-spec connectors
- Meet ASE/EN requirements

Contact Part Number		Contact Size	Insertion/ Removal Tool				Crimping			
Military Part No.	TE Part No.		AWG	Insertion		Removal		Crimp Tool		Positioner
			M81969 Slash No.	TE Part No.	M81969 Slash No.	TE Part No.	M22520 Slash No.	TE Part No.	M22520 Slash No.	TE Part No.
M39029 Contacts										
M39029/83 Pin Contacts (For MIL-DTL-28840 Connectors)										
/83-450	2560-221-2031	20/22	/33-01	2844662-1	/34-01	2031780-1	/34-01	2844621-1	/34-02	2844634-1
/83-451	2560-222-2031	20/28	/33-01	2844662-1	/34-01	2031780-1	/34-01	2844621-1	/34-02	2844634-1
/83-508	2560-220-2031	20	/33-01	2844662-1	/34-01	2031780-1	/34-01	2844621-1	/34-02	2844634-1
M39029/84 Socket Contacts (For MIL-DTL-28840 Connectors)										
/84-452	2562-214-2031	20/22	/33-01	2844662-1	/34-01	2031780-1	/34-01	2844621-1	/34-02	2844634-1
/84-453	2562-215-2031	20/28	/33-01	2844662-1	/34-01	2031780-1	/34-01	2844621-1	/34-02	2844634-1
/84-509	2562-213-2031	20	/33-01	2844662-1	/34-01	2031780-1	/34-01	2844621-1	/34-02	2844634-1
M39029/90 Pin Contacts • Twinax (For MIL-DTL-38999 Series III and IV Connectors)										
/90-529	6162-283-0877	8	/14-12	2844663-1	/14-12	2844663-1	/2-01 /5-01	601966-1 608650-1	/2-37 /5-105	2844660-1 2844643-1
M39029/91 Socket Contacts • Twinax (For MIL-DTL-38999 Series III and IV Connectors)										
/91-530	6162-284-0877	8	/14-12	2844663-1	/14-12	2844663-1	/2-01 /5-01	601966-1 608650-1	/2-37 /5-105	2844660-1 2844643-1
M39029/101 Socket Contacts (For MIL-DTL-12883 Sockets and MIL-PRF-Relays)										
/101-553	1662-213-2031	20	/16-01	2031741-1	/16-01	2031741-1	/7-01 /1-01	2031850-1 601967-1	/7-12	2844630-1
/101-554	1662-213-1631	16	/16-02	2844644-1	/16-02	2844644-1	/7-01	2031850-1	/7-13	2844631-1
M39029/102 Pin Contacts • Coax (For MIL-DTL-38999 Series III and IV Connectors)										
/102-558	6162-324-1231	12	/8-09 /14-04	2844659-1 2031841-1	/8-10 /14-04	2031786-1 2031841-1	/5-01	608650-1	—	—
M39029/103 Socket Contacts • Coax (For MIL-DTL-38999 Series III and IV Connectors)										
/103-559	6162-325-1231	12	/8-09 /14-04	2844659-1 2031841-1	/8-10 /14-04	2031786-1 2031841-1	/5-01	608650-1	—	—
M39029/106 Socket Contacts (For MIL-DTL-38999 Series III and IV, AS29600 Series A, and EN3645 Connectors)										
/106-614	12333-22 182-0447-22	22/22D	/14-01 /8-01	2844645-1 2844657-1	/14-01 /8-02	2844645-1 2844651-1	/2-01 /7-01	601966-1 2031850-1	/2-07 /7-05	1-601966-3 2844638-1
/106-615	12333-20 182-0447-16	20	/14-10 /8-05	2031843-1 2031747-1	/14-10 /8-06	2031843-1 2031802-1	/1-01 /2-01	601967-1 601966-1	/1-04 /2-10	601967-3 1-601966-4
/106-616	12333-16 182-0447-16	16	— /14-03	— 2031840-1	— /14-03	— 2031840-1	/7-01 /1-01	2031850-1 601967-1	/7-08 /1-04	2844639-1 601967-3
/106-617	12333-12 182-0447-12	12	/8-07 /14-04	2844658-1 2031841-1	/8-08 /14-04	2031787-1 2031841-1	/7-01 /1-01	2031850-1 601967-1	/7-04 /1-04	2844640-1 601967-3
/106-617	12333-12 182-0447-12	12	/8-09	2844659-1	/8-10	2031786-1	—	—	—	—
M39029/107 Pin Contacts (For MIL-DTL-38999 Series III and IV, AS29600 Series A, and EN3645 Connectors)										
/107-620	12331-22 182-0441-22	22/22D	/14-01 /8-01	2844645-1 2844657-1	/14-01 /8-02	2844645-1 2844651-1	/2-01 /7-01	601966-1 2031850-1	/2-07 /7-05	1-601966-3 2844638-1
/107-621	12331-20 182-0441-20	20	/14-10 /8-05	2031843-1 2031747-1	/14-10 /8-06	2031843-1 2031802-1	/1-01 /2-01	601967-1 601966-1	/1-04 /2-10	601967-3 1-601966-4
/107-622	12331-16 182-0441-16	16	— /14-03	— 2031840-1	— /14-10	— 2031843-1	/7-01 /1-01	2031850-1 601967-1	/7-08 /1-04	2844639-1 601967-3
/107-623	12331-12 182-0441-12	12	/8-07 /14-04	2844658-1 2031841-1	/8-06 /14-04	2031802-1 2031841-1	/7-01 /1-01	2031850-1 601967-1	/7-04 /1-04	2844640-1 601967-3
/107-623	12331-12 182-0441-12	12	/8-09	2844659-1	/8-10	2031786-1	—	—	—	—

Part numbers ending in trailing L are available with localized gold plating, according to ASTM B 488, Type II, Code C: 50 micro-inches over nickel underplating. For full plating, remove the trailing L. Italicized part numbers are for the TE's Evreux facility. All others are for TE's Oceanside facility. For wire size, a double number indicates Mating End/Crimp End.

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