

Connector/Terminal-to-Tool Reference (continued)

Product Family	Catalog Number ¹	AMP® Product	Cable or Wire Size	Part Number		
				P/N 354940-1 with SDE Die Set	SDE Die Set Only	
Fiber Optic Connectors	82164 and 296355	FSMA and ST-Style (S.S.) Connectors (504XXX Series only)	3.0 mm Jacket Dia.	58551-1 [†]	58552-1	
		ST-Style, FC Type, D4 and AMP® SC Connectors	3.0 mm Jacket Dia [†]	58433-4 [†]	58424-1	
		ST-Style (Ceramic) Connectors	3.8 mm Jacket Dia.	—	503890-1	
		FC Type and AMP® SC Connectors (Next Generation)	3.0 mm Jacket Dia.	503911-1 ^{†*}	503910-1	
		FSD, FSD MC and RSD Connectors; FSD Breakout Kit	DUALAN and LDD	58519-1 [†]	58510-1	
		LightCrimp XTC Connectors Ceramic/Polymer/S.S.)	3.0 mm Jacket Dia.	503568-1 [†]	503567-1	
	1307099	LightCrimp SC (Ceramic) Connectors	3.0 mm Jacket Dia.	503699-1 [†]	503698-1	
		LightCrimp Plus ST-Style AMP® SC	3.0 mm Jacket Dia.	492623-1 ^{†***}	492622-1	
—	Multimate Contacts	1 mm Plastic Fiber, 2.2 mm Jacket Dia.	217211-1	217211-2		
Pin and Socket Connectors	82068	D-Subminiature 20 DF Pin and Socket Contacts (AMPLIMITE)	28-24 AWG [0.08-0.2 mm ²]	58448-2	58448-3	
			24-20 AWG [0.2-0.6 mm ²]			
		D-Subminiature 22 DF Pin and Socket Contacts (AMPLIMITE)	28-22 AWG [0.08-0.3 mm ²]	90800-1	90800-2	
			Type II Pin and Socket Contacts	24-14 AWG [0.2-2.0 mm ²]	58541-1	58541-2
			Type III+ and Type VI Pin and Socket Contacts	28-24 AWG [0.08-0.2 mm ²]	58495-1	58495-2
		24-20 AWG [0.2-0.6 mm ²]				
	82181	0.093 Soft Shell Commercial Pin and Socket Contacts	24-18 AWG [0.2-0.9 mm ²]	90872-1	90872-2	
			20-14 AWG [0.6-2.0 mm ²]	90871-1	90871-2	
		0.062 Soft Shell Commercial Pin and Socket Contacts	30-24 AWG [0.05-0.2 mm ²]	90870-1	90870-2	
			24-18 AWG [0.2-0.9 mm ²]	90869-1	90869-2	
		MR Pin and Socket Contacts	26-18 AWG [0.13-0.9 mm ²]	58514-1	58514-2	
			24-18 AWG [0.2-0.9 mm ²]	90548-1	90548-2	
		Universal MATE-N-LOK II and Universal MATE-N-LOK Pin and Socket Contacts	20-14 AWG [0.6-2.0 mm ²]	90546-1	90546-2	
			1.52-3.30 [0.060-0.130] Ins. Dia.			
			20-14 AWG [0.6-2.0 mm ²]	90547-1	90547-2	
			3.30-5.08 [0.130-0.200] Ins. Dia.			
	Mini-Universal MATE-N-LOK Pin and Socket Contacts	12-10 AWG [3-5 mm ²]	58530-1	58530-2		
		26-22 AWG [0.13-0.3 mm ²]	90758-1	90758-2		
		22-18 AWG [0.3-0.9 mm ²] or Two 22 AWG	90759-1	90759-2		
		20-16 AWG [0.6-1.4 mm ²] or Two 20 AWG	90760-1	90760-2		
Commercial MATE-N-LOK Pin and Socket Contacts	24-18 AWG [0.2-0.9 mm ²]	90574-1	90574-2			
	20-14 AWG [0.6-2.0 mm ²]	90575-1	90575-2			
Receptacle and Tab Connectors	—	Dynamic Series D-3 Contacts	24-20 AWG [0.2-0.56 mm ²]	90683-1	90683-2	
			20-16 AWG [0.5-1.42 mm ²]	90684-1	90684-2	
	65481	AMPSEAL Automotive Receptacles	26-22 AWG [0.13-0.3 mm ²]	58517-1	58517-2	
			20-16 AWG [0.5-1.25 mm ²]	58529-1	58529-2	
	124962	AMP SUPERSEAL 1.5 SERIES Contacts	0.5-1.5 mm ²	58583-1	58583-2	
			26-20 AWG [0.13-0.6 mm ²]	58548-1	—	
Modular Plugs	82066	Modular Plugs (10 Pos.)	28-24 AWG [0.08-0.2 mm ²] [†]	58560-1	58560-2	
			Modular Plug Strain Relief	5.08 [0.200] Max. Ins. Dia.	—	852681-1
PC Card Connectors	65701	INFOPORT Series III Shield Kit	3.43-3.81 [0.135-0.150] Ins. Dia.	224933-1	224933-2	
Universal Data Connector Kits	82164	AMP® Crimp Ring	Type 1, 2, 6, 9 and MONTROSE	—	58450-1	

Request catalog for detailed product information.

[†] Terminates cable with 24 AWG [0.2 mm²] conductors with 0.039 [0.99] Max. O.D.

^{†*} Tool Frame Part No. 58532-1.

^{†**} Tool Frame Part No. 58588-1.

^{†***} Tool Frame Part No. 58532-2.

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Need More Information?

For information about tooling, call 1-800-522-6752 or e-mail toolsales@tycoelectronics.com.

For drawings or technical data, contact your Tyco Electronics sales engineer or call the Technical Support Center: 1-800-522-6752. Dimensions are in millimeters unless specified otherwise. Values in brackets are English equivalents unless specified otherwise. Specifications subject to change. Consult Tyco Electronics for latest specifications.