

Pin & Socket Crimp Contacts

AIT/MS /Amphenol Threaded/MS/MIL-DTL-5015 Series



CONTACT SIZE	WIRE SIZE	PART NUMBER				WIRE STRIP LENGTHS INCHES (mm)	WIRE SEALING RANGE INCHES (mm)
		PIN CONTACT		SOCKET CONTACT			
		SILVER	GOLD	SILVER	GOLD		
16S	16-18-20	AIC16S-16P	AIC16S-16PG	AIC16S-16S	AIC16S-16SG	.312 (7.9)	.090-.118 (2.3-3.0)
	12-14	AIC16S-12P	AIC16S-12PG	AIC16S-12S	AIC16S-12SG		
	14-16	AIC16S-14P	AIC16S-14PG	AIC16S-14S	AIC16S-14SG		
	18-20	AIC16S-20P	AIC16S-20PG	AIC16S-20S	AIC16S-20SG		
	20-22	AIC16S-22P	AIC16S-22PG	AIC16S-22S	AIC16S-22SG		
	22-24	AIC16S-24P	AIC16S-24PG	AIC16S-24S	AIC16S-24SG		
16	16-18-20	AIC16-16P	AIC16-16PG	AIC16-16S	AIC16-16SG	.312 (7.9)	.090-.118 (2.3-3.0)
	12-14	AIC16-12P	AIC16-12PG	AIC16-12S	AIC16-12SG		
	14-16	AIC16-14P	AIC16-14PG	AIC16-14S	AIC16-14SG		
	18-20	AIC16-18P	AIC16-18PG	AIC16-18S	AIC16-18SG		
	20-22	AIC16-20P	AIC16-20PG	AIC16-20S	AIC16-20SG		
	20-24	AIC16-2024P	AIC16-2024PG	AIC16-2024S	AIC16-2024SG		
	22-24	AIC16-22P	AIC16-22PG	AIC16-22S	AIC16-22SG		
12	12-14	AIC12-12P	AIC12-12PG	AIC12-12S	AIC12-12SG	.312 (7.9)	.126-.177 (3.2-4.5)
	8-10	AIC12-8P	AIC12-8PG	AIC12-8S	AIC12-8SG		
	10-12	AIC12-10P	AIC12-10PG	AIC12-10S	AIC12-10SG		
	14-16	AIC12-14P	AIC12-14PG	AIC12-14S	AIC12-14SG		
	16-18	AIC12-16P	AIC12-16PG	AIC12-16S	AIC12-16SG		
	18-20	AIC12-18P	AIC12-18PG	AIC12-18S	AIC12-18SG		
	20-22	AIC12-20P	AIC12-20PG	AIC12-20S	AIC12-20SG		
8	8	AIC8-8P	AIC8-8PG	AIC8-8S	AIC8-8SG	.563 (14.3)	.150-.256 (3.8-6.5)
	8 High Power	-	-	AIC8-8SRAD	-		
	10-12	AIC8-10P	AIC8-10PG	AIC8-10S	AIC8-10SG		
	12-14	AIC8-12P	AIC8-12PG	AIC8-12S	AIC8-12SG		
4	4	AIC4-4P	AIC4-4PG	AIC4-4S	AIC4-4SG	.500 (12.7)	.279-.366 (7.1-9.3)
	4 High Power	-	-	AIC4-4SRAD	-		
	8	AIC4-8P	AIC4-8PG	AIC4-8S	AIC4-8SG		
0	0	AIC0-0P	AIC0-0PG	AIC0-0S	AIC0-0SG	.750 (19.0)	394-.539 (10.0-13.7)
	0 High Power	-	-	AIC0-0SRAD	-		
	0-2	AIC0-2P	AIC0-2PG	AIC0-2S	AIC0-2SG		
	4	AIC0-4P	AIC0-4PG	AIC0-4S	AIC0-4SG		

Bolded items are standard crimp contacts

SOLDER THERMOCOUPLE CONTACTS			
	TYPE	PINS	SOCKETS
16S	Alumel	10-040799-02P*	10-040799-02S*
	Chromel	10-040799-01P*	10-040799-01S*
	Iron	10-040799-03P*	10-040799-03S*
	Constantan	10-040799-04P*	10-040799-24S*
16	Alumel	10-040799-12P*	10-040799-12S*
	Chromel	10-040799-11P*	10-040799-11S*
	Iron	10-040799-13P*	10-040799-13S*
	Constantan	10-040799-14P*	10-040799-14S*


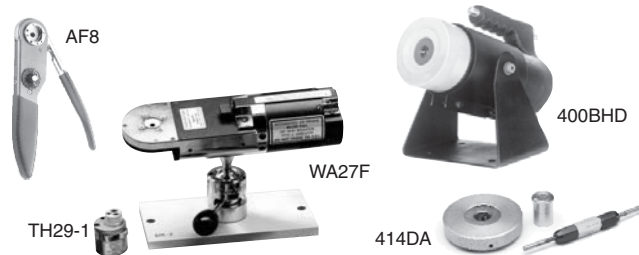

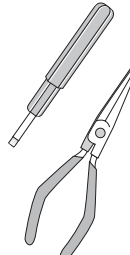

SOLDER THERMOCOUPLE CONTACTS			
	TYPE	PINS	SOCKETS
12	Alumel	10-040799-42P*	10-040799-42S*
	Chromel	10-040799-41P*	10-040799-41S*
	Iron	10-040799-43P*	10-040799-43S*
	Constantan	10-040799-44P*	10-040799-44S*

Thermocouple Types: J = Iron-Constantan K = Alumel-Chromel
T = Copper-Constantan E = Chromel-Constantan

*Call for availability

† 16S contacts are used in 8S, 10S, 10SL, 12S, 14S and 16S connector sizes only.

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ACCESSORIES	TOOLS						
							
WIRE HOLE FILLER COLOR	CRIMP TOOLS	CRIMP LOCATOR & DIE SETS	LOCATOR COLOR	PILOT PIN/INSERTION GUIDE FOR SOCKETS	INSERTION TOOL	EXTRACTION TOOL	
MS27488-16-1 (Blue)	AF8-(hand) WA27F-(pneumatic) ††	TH29-1	Red	10-242758-016	DAK168-16	DRK59 Kit with Multiple Tips	
MS27488-12-1 (Yellow)			Pin-Blue Socket-Green				
MS27488-8-1 (White)	400BHD	Locator 414DA-8N Die Set 4025-Pin 4026-Socket	-	10-242758-008	DAK282		
MS27488-4-1 (Blue)		Locator 414DA-4N Die Set 4043	-	-	AIC4INS		AIC4EXT
MS27488-0-1 (Yellow)		Locator 414DA-0N Die Set 4042	-	-	AIC0INS		AIC0EXT

†† Call for additional tool accessories.