






CONTACTS (1)							
COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	
TRIDENT CONTACTS	A.W.G. WIRE SIZE	PLATING	LOOSE PINS	3K REEL PIN	LOOSE SOCKETS	3K REEL SOCKETS	
STAMPED CRIMP							
13 Amp-200 insertions 	24-26	Tin Gold flash Gold	192990-0020 192990-0080 192900-0448	192990-2510 192990-2650 192900-0406	192990-0030 192990-0090 192900-0452	192990-2550 192990-2690 192900-0410	
	20-22	Tin Gold flash Gold	192990-0040 192922-1460 192900-0447	192990-2500 192990-2640 192900-0405	192990-0050 192922-1470 192900-0451	192990-2540 192990-2680 192900-0409	
	Contact us for high-conductivity contacts (16A)	16-18	Tin Gold flash Gold	192990-0060 192990-0100 192900-0446	192990-2490 192990-2630 192900-0404	192990-0070 192990-0110 192900-0450	192990-2530 192990-2670 192900-0408
Non-insulation support	14	Tin Gold flash Gold	192990-1240 192990-1220 192900-0445	192990-2480 192990-2620 192900-0403	192990-1250 192990-1230 192900-0449	192990-2520 192990-2660 192900-0407	
MACHINED CRIMP							
13 Amp-500 insertions 	24-28	Gold flash Gold Heavy Gold	192991-0099 192991-0100 192991-0101	- - -	192991-0036 192991-0042 192991-0054	- - -	
	24	Gold flash Gold Heavy Gold	192991-0091 192991-0092 192991-0093	- - -	192991-0037 192991-0043 192991-0055	- - -	
	22	Gold flash Gold Heavy Gold	192991-0095 192991-0096 192991-0097	- - -	192991-0038 192991-0044 192990-0056	- - -	
	20	Gold flash Gold Heavy Gold	192991-0127 192991-0128 192991-0129	- - -	192991-0039 192991-0045 192991-0057	- - -	
	MACHINED SOLDER FOR PROTOTYPING 28-14 AWG WIRE						
		Pin	Socket				
	Tin	192900-0632	192900-0634				
	Gold	192900-0633	192900-0635				
	20 Thick Wire	Gold flash Gold Heavy Gold	192991-0087 192991-0088 192991-0089	- - -	192991-0040 192991-0046 192991-0058	- - -	
	16-18	Gold flash Gold Heavy Gold	192991-0083 192991-0084 192991-0085	- - -	192991-0041 192991-0047 192991-0059	- - -	
FIRST MATE/LAST BREAK MACHINED CRIMP							
13 Amp-500 insertions 	20	Tin Gold flash Gold	192991-0166 192991-0163 192991-0164	- - -	192991-0211 192991-0078 192991-0207	- - -	
	16	Tin Gold flash Gold	192991-0162 192991-0159 192991-0160	- - -	192991-0212 192991-0079 192991-0208	- - -	
PRINTED CIRCUIT BOARD CONTACTS							
13 Amp-500 insertions 	PC post dia. .043 (1.10) .043 (1.10) .03 (.76) .03 (.76)	Tin Gold Tin Gold	192991-0198 192991-0195 192991-0122 192991-0119	- - - -	192991-0204 192991-0067 192991-0203 192991-0066	- - - -	
COAX/TWISTED PAIR Used only in signal contact cavities							
Outer Female Contact Assembly  Outer Male Contact Assembly	Twisted Pair (B) Coaxial (A)	Gold	192945-4530 192945-4390	- -	192945-4930 192945-4380	- -	

All dimensions in inches (millimeters in parentheses) unless otherwise stated.

(1) Loose or 3K Reel - Stamped contacts are available loose piece or on continuous reels of 3,000 for use with semi-automated crimping systems. Contact us for information.

WIRE RANGE				
COLUMN 8	COLUMN 9	COLUMN 10		
WIRE STRIP LENGTHS INCHES (MM) +.02 +.01	WIRE INSULATION DIAMETER	KEYING PINS(2)		
.16 (4.0)	.035 - .0627 (.89 - 1.58)	192990-0000 192990-0000 192990-0000		
.16 (4.0)	.046 - .081 (1.17 - 2.08)	192990-0000 192990-0000 192990-0000		
.16 (4.0)	.078 - .118 (2.00 - 3.00)	192990-0000 192990-0000 192990-0000		
.22 (5.6)	N/A No insulation grip	192991-0018 192991-0018 192991-0018		
LOCATOR(3)				
.20 (5.0)	.035 - .055 (.90 - 1.40)	192990-0000 192990-0000 192990-0000		
.20 (5.0)	.041 - .062 (1.05 - 1.60)	192990-0000 192990-0000 192990-0000		
.20 (5.0)	.062 - .084 (1.60 - 2.15)	192990-0000 192990-0000 192990-0000		
.20 (5.0)	.051 - .070 (1.30 - 1.80)	192990-0000 192990-0000 192990-0000		
.20 (5.0)	.062 - .082 (1.60 - 2.10)	192990-0000 192990-0000 192990-0000		
.28 (7.1)	N/A No insulation grip	192990-0000 192990-0000 192990-0000		
LOCATOR(3)				
.20 (5.0)	.062 - .082 (1.60 - 2.10)	192990-0000 192990-0000 192990-0000		
.28 (7.1)	N/A No insulation grip	192990-0000 192990-0000 192990-0000		
N/A	N/A	192990-0010 pin 192990-7650 skt		
HAND CRIMP TOOL(3)		LOCATOR(3)		
Contact us for data sheet containing wire preparation information, tooling, and cable types.	Inner Conductor AFM8	K151	-	192922-1450
	Outer Conductor GS100-1	GP295		

TOOLS			
COLUMN 11	COLUMN 12	COLUMN 13	COLUMN 14
AUTOMATIC CRIMP TOOLING ⇒ PAGE 66	ECONOMY NON-RATCHETING HAND CRIMP TOOL(4)	EXTRACTION TOOL(5)	
HAND CRIMP TOOL(3)			
121586-5236 (20-26 AWG)	192922-1440	192922-1450	192922-1450
121586-5237 (16-18 AWG)		192922-1450	192922-1450
		192922-1450	192922-1450
121586-5238 (14-16 AWG)		192922-1450	192922-1450
LOCATOR(3)			
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450
AF8	TH206	-	192922-1450

(2) Keying Pins
A plastic pin which can be snapped into an unused signal or power contact hole. This will only allow another connector to mate if there is an empty hole opposite the keying pin. Used to polarize similar connectors to avoid mis-mating.

(3) Hand Crimp Tool & Locator
Hand crimp tools produce consistent, high quality crimps by using a ratchet mechanism which will only release the contact when the crimp is completed. Stamped contacts use a tool with integrated dies. Machined contacts use a military style tool (MIL-C-22520/1) which also requires the appropriate locator to form a complete crimping system.

(4) Economy Crimp Tool (stamp contacts only)
This is a pliers-style tool for prototype or service use. It has no ratchet and the completed crimp requires two separate operations, one to crimp the conductor and a second crimp to secure the insulation support. The economy tool covers wire gauges 16, 20 and 24 AWG and is for use with stamped contacts only.

(5) Extraction Tool
Contacts can be easily removed by placing the extraction tool over the contact in the front of the connector and pushing. The contact is ejected from the rear of the connector. No insertion tool is needed for any Trident contacts.