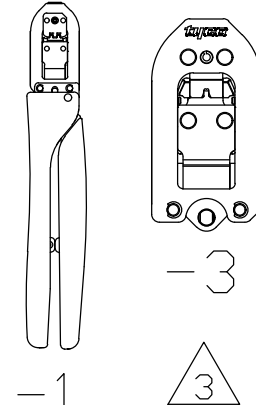
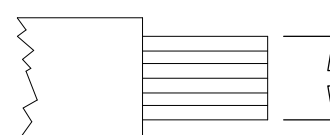
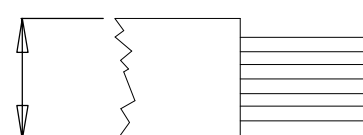
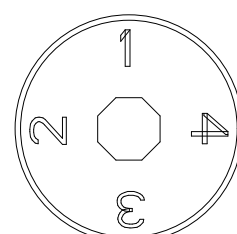
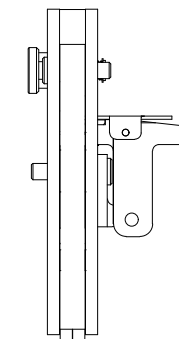
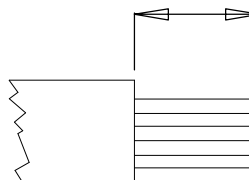
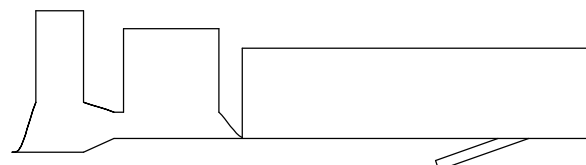
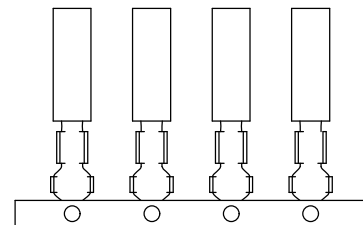


THIS DRAWING IS A CONTROLLED DOCUMENT. 1583011

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TE CONNECTIVITY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM TE CONNECTIVITY.

TOOL NUMBER  -1 	WIRE SIZE mm ² [AWG] 	INSULATION DIAMETER mm [in.] 	INSUL. ADJ. 	FLIP LOCATOR 	STRIP LENGTH mm [in.] 	CRIMP HEIGHT mm [in.] 	CONTACT PART NUMBERS 		CONTACT DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE 	STRIP FORM 		
91507-1 91507-3	0.20-0.50 [24-20]	1.14-1.78 [.045-.070]	NO	NO	3.56 ± 0.39 [.140 ± .0155]	0.84 ± 0.05 [.033 ± .002]	60789-[] 61276-[]	60598-[] 61119-[]	.058 DIAMETER PC CONTACT	114-1008
91526-1 91526-3	0.12-0.38 [26-22]	1.27-2.92 [.050-.115]	YES	NO	3.96 ± 0.38 [.156 ± .015]	0.71 ± 0.057 [.028 ± .002]	350666-[] 640545-[] 640580-[] 641300-[]	350665-[] 350967-[] 350969-[] 641294-[]	MINIATURE RECTANGULAR CONTACTS	114-1014
	0.50-0.96 [20-18]					0.97 ± 0.057 [.038 ± .002]				
91531-1 91531-3	0.12-0.35 PIN [26-22]	0.91-1.37 [.036-.054]	YES	YES	3.56 ± 0.38 [.140 ± .015]	0.76 ± 0.05 [.030 ± .002]	104505-3 104505-5 104505-7	104505-2 104505-4 104505-6	TANDEM SPRING Contacts	114-25021
	0.12-0.35 RECP [26-22]						531216-2 104480-7 531216-4 104480-8 530553-3 104480-9 530553-5 1-104480-4 530553-7 1-104480-5 531224-7 1-104480-6	531216-1 104480-1 531216-3 104480-2 530553-3 104480-3 530553-5 104480-4 530553-7 1-104480-2 531224-6 1-104480-3		
91534-1 91534-3	0.12-0.24 [26-24]	0.64-1.27 [.025-.050]	YES	NO	3.96 ± 0.38 [.156 ± .015]	0.71 ± 0.05 [.028 ± .002]	640579-[] 794001-[]	350968-[] 794000-[]	MINIATURE RECTANGULAR CONTACTS	114-1014
91535-1 91535-3	0.20-0.35 [24-22]	1.22-2.03 [.048-.080]	YES	NO	3.56 ± 0.38 [.140 ± .015]	0.84 ± 0.05 [.033 ± .002]	531477-3 583853-9 531477-5 1-583853-1 583853-4 583853-5	531477-1 583853-3 531477-2 583853-7 531477-4 583853-8 583853-1 1-583853-0 583853-2 1-583853-3	TWIN LEAF CONTACTS	114-9004
	0.50-0.56 [20]					0.99 ± 0.05 [.039 ± .002]				
91537-1 91537-3	0.12-0.22 [26-24]	1.02-1.42 [.040-.056]	NO	NO	3.18 ± 0.38 [.125 ± .015]	0.622 ± .038 [.0245 ± .0015]	86561-[] 88067-[] 86571-[] 181270-[]	86557-[] 88067-2 86566-[]	FLEXIBLE FLAT CABLE CONNECTORS	114-16003 114-16007 114-16015 114-20004
		1.02-1.75 [.040-.069]				86658-2 86657-2	86656-2 86655-2			
	0.30-0.35 [22]	1.02-1.42 [.040-.056]				0.71 ± 0.05 [.028 ± .002]	86561-[] 88067-[] 86571-[] 181270-[]	86557-[] 88067-2 86566-[]		
		1.02-1.75 [.040-.069]				86658-2 86657-2	86656-2 86655-2			
91538-1 91538-3	0.05-0.56 [30-20]	0.76-2.16 [.030-.085]	NO	NO	5.16 ± 0.38 [.203 ± .015]	1.09 ± 0.05 [.043 ± .002]	SEE INSTRUCTION SHEET 408-10274		TYPE II SCREW MACHINE CONTACT	114-10026

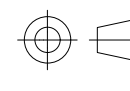
-  LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION ON TERMINAL PART NUMBERS, CONTACT THE TOOLING ASSISTANCE CENTER : 1-800-722-1111.

2. AMP, CERTI-CRIMP & AMP-BLADE ARE TRADEMARKS.
-  -1 IS A CERTI-CRIMP II HAND TOOL ASSEMBLY.
-3 IS A CERTI-CRIMP II HEAD SUB-ASSEMBLY.

4. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414. THE 91538-1 AND -3 TOOL USE IS 408-10274.

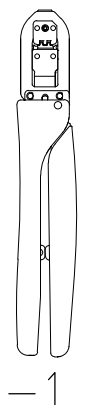
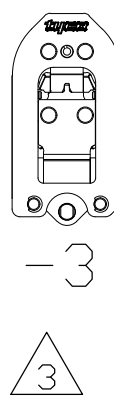
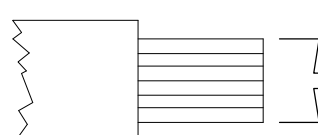
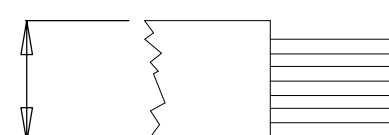
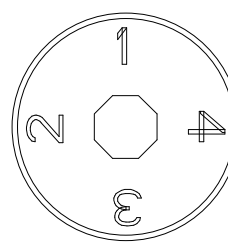
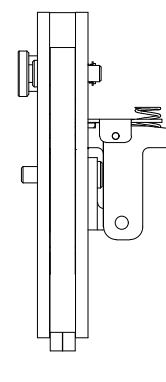
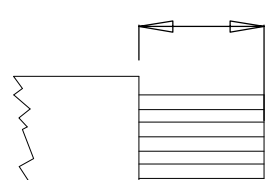
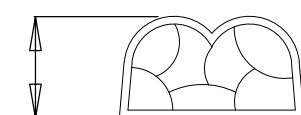
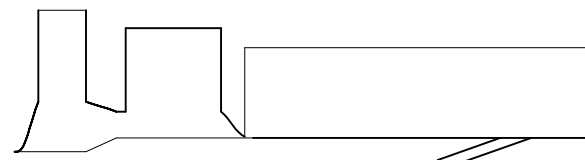
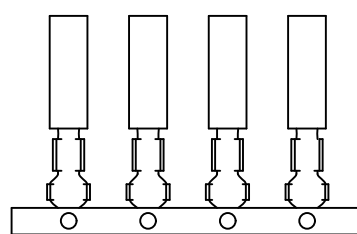
CERTI-CRIMP II DATA SHEET

DWG: M. YOUNGER 21FEB2012		MATERIAL: -		HEAT TREAT: -	
CHK: B.A.WOLFE 22FEB2012		APVD: B.A. WOLFE 22FEB2012		TE Connectivity	
NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS					
SCALE: -		SIZE: A1		DRAWING NO: 1583011	
SHEET: 1		OF: 8		REV: F18	

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± -	
ANGLES: ± -		SURFACE TEXTURE: 	

P	LTR	REVISION RECORD	DATE	DWG	APVD
		F18 ADDED 2305781-1	08/2017	CAM	CAM

THIS DRAWING IS A CONTROLLED DOCUMENT. 1583011

TOOL NUMBER  -1  -3 	WIRE SIZE mm ² [AWG] 	INSULATION DIAMETER mm [in.] 	INSUL. ADJ. 	FLIP LOCATOR 	STRIP LENGTH mm [in.] 	CRIMP HEIGHT mm [in.] 	CONTACT PART NUMBERS 				CONTACT DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE 		STRIP FORM 			
91539-1 91539-3	0.30-0.89 [22-18]	-	NO	NO	6.35 ± 0.38 [.250 ± .015]	1.60 ± 0.05 [.063 ± .002]	PIN - SOCKET 201751-[]		COLOR: GREEN BARREL BLUE SHOULDER		TYPE II SCREW MACHINE CONTACT	114-10026
	2x0.75 [2x18]	-					PIN SOCKET 202725-[] 202726-[]		COLOR: BLUE SHOULDER			
	0.75-1.42 [18-16]	-					PIN SOCKET 200681-[] 201589-[] 200336-[] 200333-[] 204274-[] 207896-[] 204219-[] 130743-1 207893-[]		COLOR: BLUE BARREL BLUE SHOULDER			
	2.00-2.27 [14]	-					PIN SOCKET 201645-[] 201568-[]		COLOR: VIOLET BARREL BLUE SHOULDER			
91540-1 91540-3	0.12-0.35 [26-22]	0.91-1.42 [.036-.056]	YES	NO	3.56 ± 0.38 [.140 ± .015]	0.76 ± 0.05 [.030 ± .002]	530553-5 530553-7	531216-2 531216-4 531224-7	530553-1 530553-2 530553-4	530553-6 531216-1 531216-3	TANDEM SPRING & MINI-TANDEM SPRING CONTACTS	114-25021
	0.03-0.09 [32-28]	0.64-1.37 [.025-.054]				0.56 ± 0.05 [.022 ± .002]	531225-3 530901-3	530901-5 530901-7	531225-6 530901-1 530901-2	530901-4 530901-6		
91544-1 91544-3	0.20-0.35 [24-22]	1.58 MAX [.062] MAX	YES	NO	3.96 ± 0.38 [.156 ± .015]	0.724 ± 0.051 [.0285 ± .002]	164169-[] 203802-[] 164170-[] 203816-[]	164153-[] 203801-[] 164155-[] 203815-[]	166046-[] 166047-[]	166046-[] 166047-[]	TYPE XI CONTACT	114-10002
	0.50-0.56 [20]					0.876 ± 0.051 [.0345 ± .002]	166296-[] 166297-[]					
91546-1 91546-3	0.50-0.89 [20-18]	2.03-2.54 [.080-.100]	NO	NO	4.76 ± 0.38 [.188 ± .015]	1.42 ± 0.05 [.056 ± .002]	41667		41650		TAPER PIN CONTACT	114-7006
91547-1 91547-3	0.20-0.35 [24-22]	1.02-1.52 [.040-.060]	NO	NO	3.18 ± 0.38 [.125 ± .015]	0.89 ± 0.05 [.035 ± .002]	41661 41662	41663	41278 41640	41646 66113-3	TAPER PIN CONTACT	114-7006
91555-1 91555-3	0.20-0.56 [24-20]	1.02-1.78 [.040-.070]	NO	NO	2.92-3.68 [.115-.145]	0.991 ± 0.038 [.039 ± .0015]	66010-[] 531586-6		66005-[] 531586-3		AMP-BLADE RECEPTACLE CONTACT	108-9202
	2x0.2 OR 2x0.3 [2x24 OR 2x22]	2.79 [110] MAX TOTAL				1.067 ± 0.038 [.042 ± .0015]						

-  LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION ON TERMINAL PART NUMBERS, CONTACT THE TOOLING ASSISTANCE CENTER : 1-800-722-1111.

2. AMP, CERTI-CRIMP & AMP-BLADE ARE TRADEMARKS.
-  -1 IS A CERTI-CRIMP II HAND TOOL ASSEMBLY.
-3 IS A CERTI-CRIMP II HEAD SUB-ASSEMBLY.

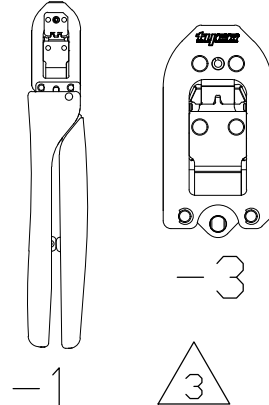
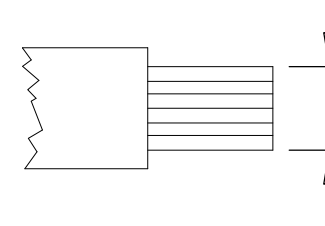
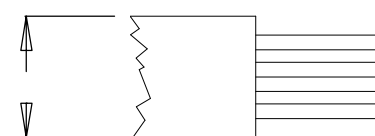
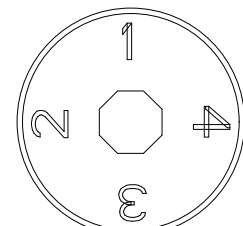
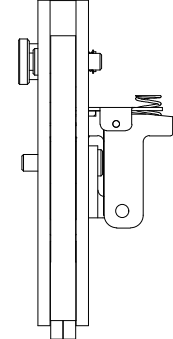
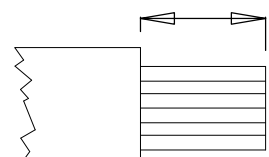
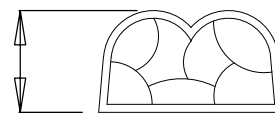
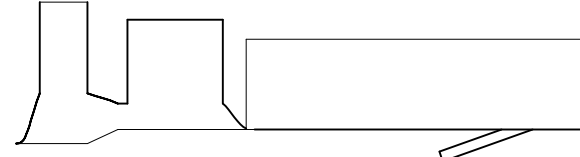
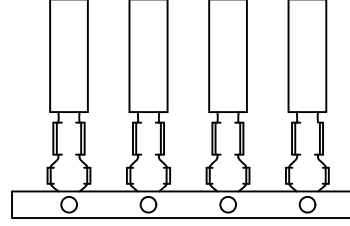
4. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414. THE 91538-1 AND -3 TOOL USE IS 408-10274.

CERTI-CRIMP II DATA SHEET

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWG: M. YOUNGER 21FEB2012		MATERIAL: -		HEAT TREAT: -	
0 PLC ± .		1 PLC ± .		CHK: B.A.WOLFE 22FEB2012		APVD: B.A. WOLFE 22FEB2012		TE Connectivity	
2 PLC ± .		3 PLC ± .		NAME: CERTI-CRIMP II TOOL DATA SHEET		SCALE: -		SIZE: A1	
4 PLC ± .		ANGLES: ±		SURFACE TEXTURE: 		DRAWING NO: 1583011		SHEET 2 of 8	
P LTR		REVISION RECORD		DATE		DWN		REV F18	

THIS DRAWING IS A CONTROLLED DOCUMENT. 1583011

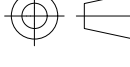
THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TFCO. IT IS TO BE USED ONLY FOR THE PURPOSES AND APPLICATIONS SPECIFIED HEREIN. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT AUTHORIZATION FROM TFCO. © 2015 TFCO.

TOOL NUMBER  -1 	WIRE SIZE mm ² [AWG] 	INSULATION DIAMETER mm [in.] 	INSUL. ADJ. 	FLIP LOCATOR 	STRIP LENGTH mm [in.] 	CRIMP HEIGHT mm [in.] 	CONTACT PART NUMBERS 		CONTACT DESCRIP.	APPLIC. SPECIF.	
							LOOSE PIECE 	STRIP FORM 			
91354-1	1.94-2.15 [14]	2.18-3.94 [.086-.155]	NO	NO	4.8-5.6 [.189-.220]	1.70 ± 0.05 [.067 ± .002]		9-1437846-0	.040" [DUAL CONTACT] SBEC 1 MM TERMINAL	114-13039	
91355-1	0.32-0.38 [22]	1.50-1.75 [.059-.069]	NO	NO	4.8-5.6 [.189-.220]	1.10 ± 0.05 [.043 ± .002]		9-1437846-1	.040" [DUAL CONTACT] SBEC 1 MM TERMINAL	114-13039	
	0.81-0.96 [18]	1.70-3.00 [.067-.118]				1.45 ± 0.05 [.057 ± .002]		9-1437846-2			
91356-1	1.28-1.42 [16]	2.18-2.41 [.086-.095]	NO	NO	4.8-5.6 [.189-.220]	1.32 ± 0.05 [.052 ± .002]		1456004-1	1 MM TERMINAL	114-13039	
91357-1	0.50-0.60 [20]	1.70-1.93 [.067-.076]	NO	NO	4.8-5.6 [.189-.220]	1.05 ± 0.05 [.041 ± .002]		1456004-2	1 MM TERMINAL	114-13039	
	0.81-0.96 [18]	1.90-2.25 [.075-.089]				1.15 ± 0.05 [.045 ± .002]		1456004-1			
91599-1	0.20-0.22 [24]	0.96-1.12 [.038-.044]	NO	NO	2.5-3.3 [.100-.130]	0.79 ± 0.05 [.031 ± .002]	1604735-1		FUSE CLIP	N/A	
1725061-1	0.30-0.35 [22]	1.34-1.60 [.053-.063]	NO	NO	3.8-4.8 [.150-.189]	1.55 ± 0.13 [.061 ± .005]	ASCO PN: 280019-001		ASCO REDHAT	N/A	
1804573-1	0.50-0.56x2 [20x2]	1.27-1.83 [.050-.072]	NO	NO	2.9-3.7 [.115-.145]	1.11 ± 0.05 [.043 ± .002]	66026-2	66021-2	AMP BLADE RECEPT.	108-9201	
1804573-3	0.50-0.89 [20-18]	1.73-2.29 [.065-.090]				0.99 ± 0.05 [.039 ± .002]					
1213783-1	0.12-0.37 (26-22)	1.20-1.90 (.047-.075)	NO	NO	3.2 ± 0.5 (.12 ± .02)	0.83 ± 0.04 (.033 ± .002)	175153 175155	175149 175151	UNIVERSAL POWER CONTACT	114-5142	
	0.50-0.89 (20-18)	1.70-2.70 (.067-.106)				1.13 ± 0.05 (.044 ± .002)	175154 175156	175150 175152			
	1.25-1.42 (16)	2.50-3.30 (.098-.130)				1.43 ± 0.05 (.056 ± .002)					

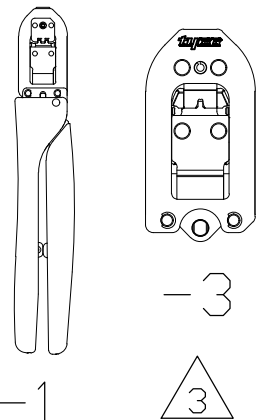
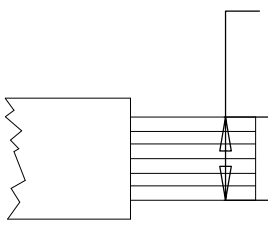
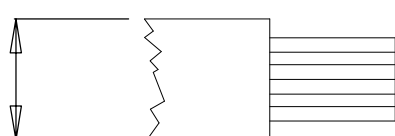
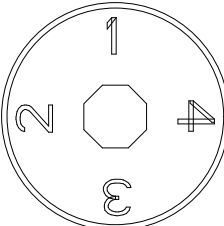
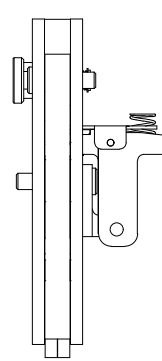
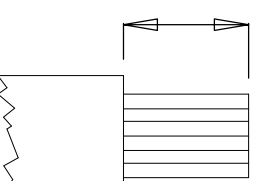
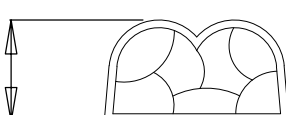
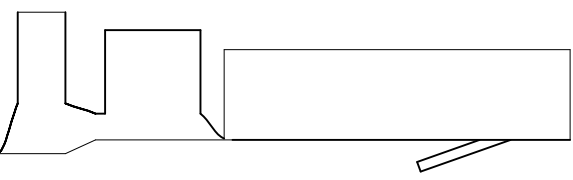
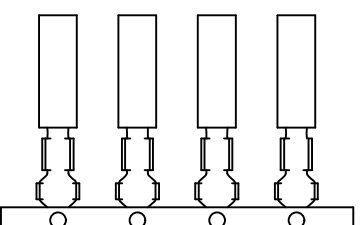
-  LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION ON TERMINAL PART NUMBERS, CONTACT THE TOOLING ASSISTANCE CENTER : 1-800-722-1111.
2. AMP, CERTI-CRIMP & AMP-BLADE ARE TRADEMARKS.
-  -1 IS A CERTI-CRIMP II HAND TOOL ASSEMBLY.
-3 IS A CERTI-CRIMP II HEAD SUB-ASSEMBLY.
4. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414. THE 91538-1 AND -3 TOOL USE IS 408-10274.

CERTI-CRIMP II DATA SHEET

DWN	M. YOUNGER	21FEB2012	MATERIAL	-	HEAT TREAT	-					
CHK	B.A.WOLFE	22FEB2012	 TE Connectivity								
APVD	B.A. WOLFE	22FEB2012									
NAME											
CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS											
SCALE	-	SIZE	A1	DRAWING NO	1583011	SHEET	3	OF	8	REV	F18

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm		0 PLC ± .	
		1 PLC ± .	
		2 PLC ± .	
		3 PLC ± .	
		4 PLC ± .	
ANGLES±			
SURFACE TEXTURE			

P	LTR	REVISION RECORD	DATE	DWN	APVD
-	SEE SHEET 1	-	-	-	-

TOOL NUMBER  -1 	WIRE SIZE mm ² [AWG] 	INSULATION DIAMETER mm [in.] 	INSUL. ADJ. 	FLIP LOCATOR 	STRIP LENGTH mm [in.] 	CRIMP HEIGHT mm [in.] 	CONTACT PART NUMBERS 		CONTACT DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE 	STRIP FORM 		
1901760-1 1901760-3	0.30-0.56 [22-20]	1.5-2.4 [.059-.094]	NO	NO	4.0 ± 0.2 [.156 ± .008]	0.99 ± 0.14 [.039 ± .003]	1-170321-1	1-170291-1	DUAL LINK INTERLOCK CONN.	114-5045
1901771-1 1901771-3	0.50-0.96 [20-18] 0.12-0.38 [26-22]	1.27-2.92 [.050-.115]	YES	NO	4.0 ± 0.4 [.156 ± .015]	0.97 ± 0.05 [.039 ± .002] 0.71 ± 0.05 [.028 ± .002]	350037 350036	350019 350018	MINIATURE RECTANGULAR CONTACT	114-1014
1901786-1 1901786-3	0.03-0.09 [32-28]	0.64-1.52 [.025-.060] 0.64-1.37 [.025-.054]	YES	NO	3.96-3.18 [.156-.125]	0.53 ± 0.05 [.021 ± .002]	530901-3 104506-[]	530901-2 104506-[]	MINI TANDEM SPRING RCPT AMPMODU MTE PIN	114-25021 114-25026
1901798-1 1901798-3	0.20-0.38 [24-22] 0.5-0.6 [20]	0.97-1.57 [.038-.062] 1.27-2.54 [.050-.100]	YES	NO	3.96 [.156]	0.89 ± 0.05 [.035 ± .002] 1.02 ± 0.05 [.040 ± .002]	-	867052-[]	LOCKING CLIP .025-IN. SQUARE CONTACT	114-25006
1901829-1 1901829-3	INSULATION PIERCING SEE INSULATION DIAMETER	1.40 [.055] 1.02 [.040]	NO	NO	USE UNSTRIPPED WIRE	1.27 ± 0.05 [.050 ± .002] 1.17 ± 0.05 [.046 ± .002]	102348-2 102348-3	87107-5 87107-6	MOD IV CRIMP SNAP-IN RCPT	114-25003
1901957-1 1901957-3	0.05-0.15 [30-26] 0.12-0.35 [26-22]	1.0-1.9 [.039-.075] 0.9-1.5 [.035-.059]	YES	NO	2.5 ± 0.5 [.098 ± .020]	0.71-0.86 [.028-.034] 0.59-0.73 [.023-.029]	171612-[] 171611-[]	171610-[] 171609-[]	AMP-ULTREX 2.5mm/2.54mm PITCH RECEPTACLE CONTACT	114-5077
1901963-1 1901963-3	1.28-2.15 [16-14] 0.50-0.96 [20-18]	3.3-4.6 [.130-.180] 2.5-4.6 [.100-.180]	YES	NO	6.35 ± 1.60 [.250 ± .062]	1.68 ± 0.08 [.066 ± .003] 1.40 ± 0.08 [.055 ± .003]	SOCKET PIN 350388-1 350389-1	SOCKET PIN 61626-1 61627-1	.140 MATE-N-LOK PIN AND SOCKET	114-1007
1976150-1	0.50-1.00 [24-20] 0.21-0.56 [32-26]	1.80 MAX [.071 MAX] 1.27 MAX [.050 MAX]	YES	NO	4.37 ± 0.25 [.172 ± .010]	0.94 ± 0.05 [.037 ± .002] 0.978 ± 0.050 [.0385 ± .0020]	-	86497-2 86008-1	HI PRESSURE AMPMODU (INVERTED)	114-25010
2217748-1	0.80-0.50 [18-20] 1.40 [16]	1.7-2.7 [.067-.106]	YES	NO	5.10 ± 0.40 [.200 ± .016]	1.22 ± 0.05 [.048 ± .002] 1.40 ± 0.050 [.055 ± .0020]	770854-1	770520-1	AMPSEAL	114-16016

-  LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION ON TERMINAL PART NUMBERS, CONTACT THE TOOLING ASSISTANCE CENTER : 1-800-722-1111.

2. AMP, CERTI-CRIMP & AMP-BLADE ARE TRADEMARKS.
-  -1 IS A CERTI-CRIMP II HAND TOOL ASSEMBLY.
-3 IS A CERTI-CRIMP II HEAD SUB-ASSEMBLY.

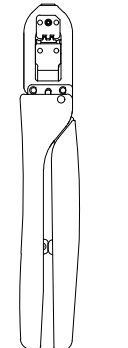
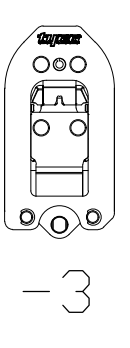
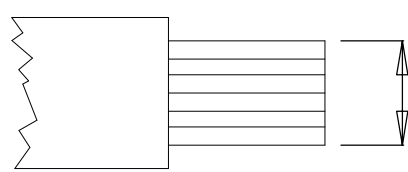
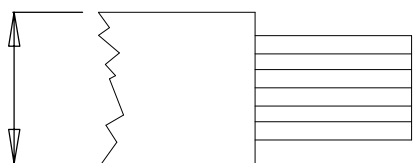
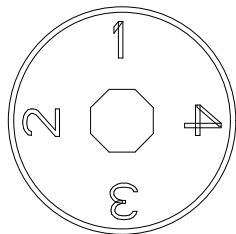
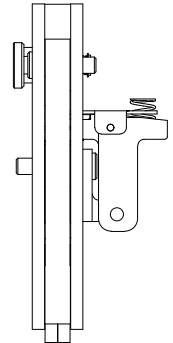
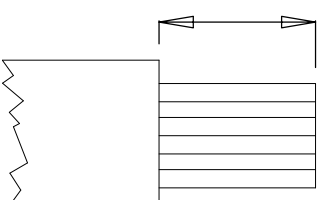
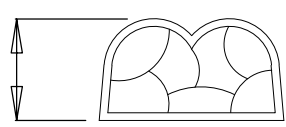
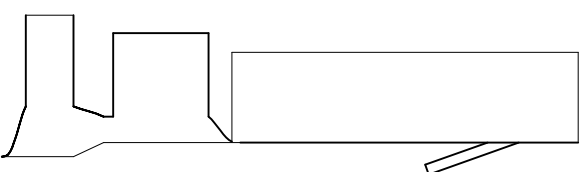
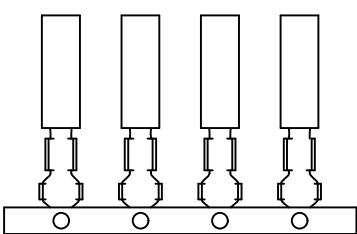
4. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414. THE 91538-1 AND -3 TOOL USE IS 408-10274.

CERTI-CRIMP II DATA SHEET

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± -		DWG: M. YOUNGER 21FEB2012 CHK: B.A.WOLFE 22FEB2012 APVD: B.A. WOLFE 22FEB2012		MATERIAL: - HEAT TREAT: -	
NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS				SCALE: - SIZE: A1 DRAWING NO: 1583011 SHEET: 4 of 8 REV: F18			
P LTR		REVISION RECORD		DATE		DWN APVD	
- SEE SHEET 1							

THIS DRAWING IS A CONTROLLED DOCUMENT. 1583011

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TE CONNECTIVITY. IT IS TO BE USED ONLY FOR THE PURPOSES AND APPLICATIONS SPECIFIED IN THE DRAWING. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT AUTHORIZATION FROM TE CONNECTIVITY.

TOOL NUMBER  -1  -3	WIRE SIZE mm ² [AWG] 	INSULATION DIAMETER mm [in.] 	INSUL. ADJ. 	FLIP LOCATOR 	STRIP LENGTH mm [in.] 	CRIMP HEIGHT mm [in.] 	CONTACT PART NUMBERS 		CONTACT DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE 	STRIP FORM 		
1901557-1	0.50-0.56 [20]	2.20-2.60 [.087-.102]	NO	NO	4.0-5.0 [.157-.197]	1.285 ± 0.065 [.0505 ± .0025]	170112 170113	170099-2 170100-2	.079 (2.0mm) DIA PIN & RECEPTACLE	114-5019
	0.75-0.89 [18]					1.310 ± 0.090 [.0515 ± .0035]				
1901557-3	1.25-1.42 [16]	2.70-3.50 [.106-.138]	NO	NO	4.5-7.0 [.177-.276]	1.645 ± 0.050 [.0652 ± .0020]	170292 170293 171654	170279-1 170280-1 172786-1	.079 (2.0mm) DIA PIN & RECEPTACLE, LANCELESS	114-5039
	2.00-2.27 [14]					1.690 ± 0.090 [.0665 ± .0035]				
1976577-1	0.80-1.24 [20-18]	1.37-1.88 [.054-.074]	NO	NO	2.92-3.68 [.115-.145]	1.35 ± 0.05 [.053 ± .002]	66169	66144	AMP-TAB CONTACTS	108-5039
1976577-3	0.40-0.64 [26-22]	0.89-1.37 [.035-.054]				0.94 ± 0.50 [.037 ± .002]	66168	66143		
2031245-1	0.50-0.90 [20-18]	1.27-1.65 [.050-.065]	NO	NO	3.18-3.96 [.125-.156]	1.029 ± 0.051 [.0405 ± .002]	167730-1	-	AMP-LEAF	114-9003
2031245-3	0.20-0.40 [24-22]	0.89-1.40 [.035-.055]				0.775 ± 0.051 [.0305 ± .002]	164715-1	-		
2031200-1	0.20-0.22 [24]	1.02 [.040]	NO	NO	3.56 ± 0.39 [.140 ± .015]	0.84 ± 0.05 [.033 ± .002]	60789 61276	60598 61119	.058 DIA PC CONTACT	114-1008
2031200-3										
2063834-1	0.5-0.6 [20]	1.8-2.1 [.071-.083]	YES	NO	4.00-5.00 [.157-.197]	0.89-1.05 [.035-.041]	179419-1 179420-1 1376702-1	-	.040 III UNSEALED RECEPTACLE CONTACT	114-5217
2063834-3	0.8-0.9 [18]					0.89-1.08 [.035-.043]				
	1.25-1.42 [16]	1.8-2.2 [.071-.087]				1.06-1.40 [.042-.055]				
2063850-1	0.30-0.89 [22-18]	1.1-1.8 [.043-.071]	YES	NO	4.00-5.00 [.157-.197]	0.78-1.15 [.031-.045]	1376700 1376701	316836 316837	.040 III UNSEALED RECEPTACLE CONTACT	114-5217
2063850-3										
2063811-1	-	0.9-3.5 [.036-.138]	NO	NO	-	-	328854 328858 328855 328859 328856 328860 328857 328861	-	PRE-INSULATED SPARE WIRE CAP	-
2063811-3										
2063857-1	22 OR 20 OR (2)24	1.52-2.29 [.060-.090]	NO	NO	3.56±0.40 [.140±.015]	0.94 ± 0.05 [.037 ± .002]	640024-1	640259-1	.058 DIA PC CONTACT	114-1008
	18 OR (2)20 OR (2)22					1.24 ± 0.05 [.049 ± .002]				

 LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION ON TERMINAL PART NUMBERS, CONTACT THE TOOLING ASSISTANCE CENTER : 1-800-722-1111.

2. AMP, CERTI-CRIMP & AMP-BLADE ARE TRADEMARKS.

 -1 IS A CERTI-CRIMP II HAND TOOL ASSEMBLY. -3 IS A CERTI-CRIMP II HEAD SUB-ASSEMBLY.

 THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414. THE 91538-1 AND -3 TOOL USE IS 408-10274.

CERTI-CRIMP II DATA SHEET

DWN: M. YOUNGER 21FEB2012		MATERIAL: -	HEAT TREAT: -
CHK: B.A.WOLFE 22FEB2012		 TE Connectivity	
APVD: B.A. WOLFE 22FEB2012			
NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS			
SCALE: -	SIZE: A1	DRAWING NO: 1583011	SHEET 5 of 8 REV F18

0 PLC ± -

1 PLC ± -

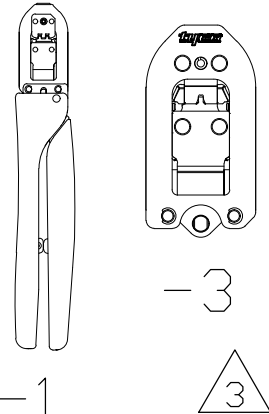
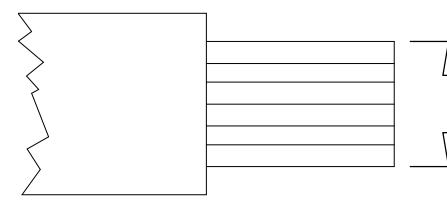
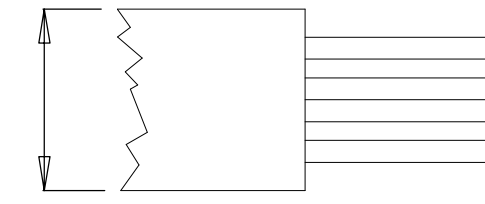
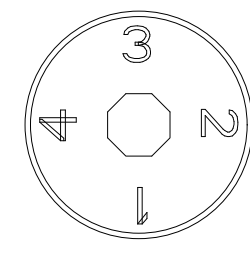
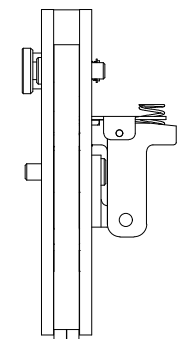
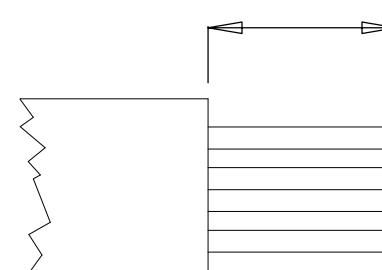
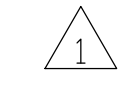
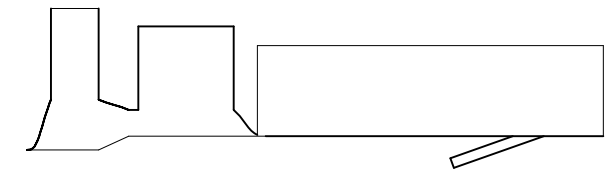
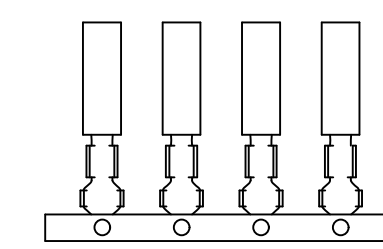
2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES: ± -

SURFACE TEXTURE: 

TOOL NUMBER  -1 	WIRE SIZE mm ² [AWG] 	INSULATION DIAMETER mm [in.] 	INSUL. ADJ. 	FLIP LOCATOR 	STRIP LENGTH mm [in.] 	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS 		CONTACT DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE 	STRIP FORM 		
2119536-1 2119536-3	0.03 [32]	0.4-0.7 [.016-.028]	YES	YES	1.0-1.2 [.04-.05]	0.405 ± 0.025 [.0159 ± .0010]	-	1734597-1	1.0 WIRE TO BOARD CONNECTOR	114-57020
	0.50-0.06 [30]	0.419 ± 0.025 [.0165 ± .0010]								
	0.08-0.09 [28]	0.460 ± 0.025 [.0181 ± .0010]								
2119537-1 2119537-3	0.03 [32]	0.9-1.2 [.035-.047]	YES	YES	0.9-1.3 [.04-.05]	0.485 ± 0.025 [.0190 ± .0010]	-	1734193-1	1.25 WIRE TO BOARD CONNECTOR	114-57016
	0.05-0.06 [30]					0.505 ± 0.025 [.0200 ± .0010]				
	0.08-0.09 [28]					0.535 ± 0.025 [.0210 ± .0010]				
2119538-1 2119538-3	0.05-0.06 [30]	.089-1.50 [.035-.059]	NO	YES	1.9-2.5 [.08-.10]	0.550 ± 0.025 [.022 ± .0010]	-	1775442-1	2.0 WIRE TO BOARD CONNECTOR	114-57011
	0.08-0.12 [28-26]					0.550 ± 0.025 [.022 ± .0010]				
	0.20 [24]					0.580 ± 0.025 [.023 ± .0010]				
2119539-1 2119539-3	0.05 [30]	.089-1.50 [.035-.059]	YES	YES	1.9-2.5 [.08-.10]	0.545 ± 0.025 [.0215 ± .0010]	-	440132-1 1735801-1	2.0 WIRE TO BOARD CONNECTOR	114-57011
	0.08-0.14 [28-26]					0.584 ± 0.025 [.023 ± .0010]				
	0.22 [24]					0.645 ± 0.025 [.0255 ± .0010]				
1752794-1	0.20-0.35 [24-22]	-	NO	NO	3.1-3.6 [.12-.14]	0.94±0.05 [.037±.002]	-	42869-6	.040 PIN RECEPT	114-2083
	0.50-0.56 [20]	-				1.07±0.05 [.042±.002]				
1976156-1	.013 [26]	0.80-0.95 [.031-.037]	NO	YES	3.25-3.55 [.13-.14]	0.61 ±0.025 [.024±.001]	1-211449-1 1-211449-2 1-211449-6	1-1703930-1 1-1703930-2 1-1703930-6	NANO MQS	114-18858
	0.20-0.22 [24]	.090-1.20 [.035-.047]				0.66±0.025 [.026±.001]				
1976157-1	0.35 [22]	1.0-1.2 [.039-.047]	NO	YES	3.25-3.55 [.13-.14]	0.82 ±0.025 [.032±.001]	1-2112449-1 1-2112449-2 1-2112449-6	1-1703930-1 1-1703930-2 1-1703930-6	NANO MQS	114-18858
	0.35 [22]	1.2-1.3 [.047-.051]				0.82±0.025 [.032±.001]				

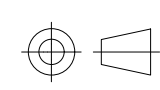
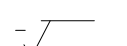
-  LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION ON TERMINAL PART NUMBERS, CONTACT THE TOOLING ASSISTANCE CENTER : 1-800-722-1111.

2. AMP, CERTI-CRIMP & AMP-BLADE ARE TRADEMARKS.
-  -1 IS A CERTI-CRIMP II HAND TOOL ASSEMBLY. -3 IS A CERTI-CRIMP II HEAD SUB-ASSEMBLY.

4. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414. THE 91538-1 AND -3 TOOL USE IS 408-10274.

CERTI-CRIMP II DATA SHEET

DWN: M. YOUNGER 21FEB2012		MATERIAL: -	HEAT TREAT: -		
CHK: B.A.WOLFE 22FEB2012					
APVD: B.A. WOLFE 22FEB2012					
NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS					
SCALE: -		SIZE: A1	DRAWING NO: 1583011	SHEET: 6 of 8	REV: F18

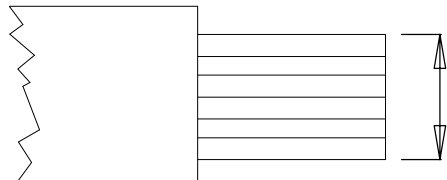
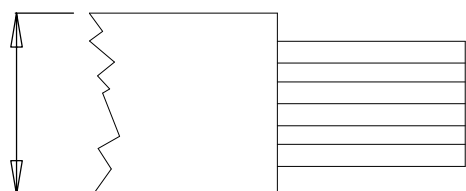
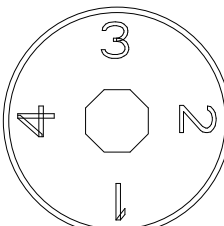
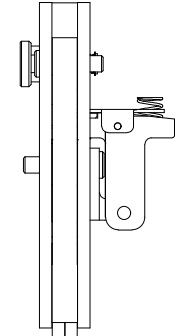
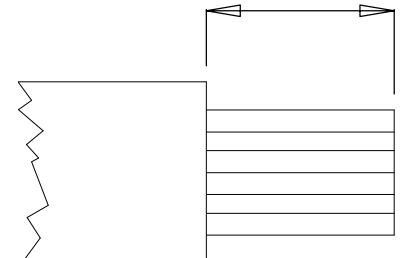
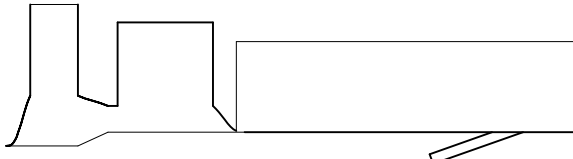
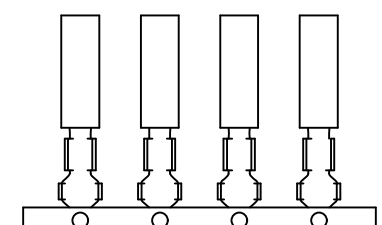
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± -	
ANGLES: -		SURFACE TEXTURE: 	

P	LTR	REVISION RECORD	DATE	DWN	APVD
-	SEE SHEET 1	-	-	-	-

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TFCO. IT IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN AUTHORIZATION OF TFCO. ANY VIOLATION OF THIS POLICY WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW. TFCO AND THE TFCO LOGO ARE TRADEMARKS OF TFCO. © 2012 TFCO. ALL RIGHTS RESERVED.

THIS DRAWING IS A CONTROLLED DOCUMENT. 1583011

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TE. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT AUTHORIZATION FROM TE (www.te.com).

TOOL NUMBER  -1	WIRE SIZE mm ² [AWG] 	INSULATION DIAMETER mm [in.] 	INSUL. ADJ. 	FLIP LOCATOR 	STRIP LENGTH mm [in.] 	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS 		CONTACT DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE 	STRIP FORM 		
2217655-1	0.32-0.38 [22]	1.7-2.9 [.67-.114]	YES	NO	2.69-3.30 [1.06-.130]	1.00 ± 0.05 [0.039 ±.002]	1744395-1	1744144-1	ECONOMY POWER II	114-13265
	0.50-0.60 [20]					1.10 ± 0.05 [0.043 ±.002]				
	0.81-0.89 [18]					1.15 ± 0.05 [0.043 ±.002]				
2217660-1	0.50-0.60 [20]	1.7-2.9 [.67-.114]	YES	NO	2.46-2.84 [0.97-.112]	1.12 ± 0.05 [0.044 ±.002]	1744396-1	1744201-1	ECONOMY POWER II	114-13265
	0.81-0.89 [18]					1.27 ± 0.05 [0.050 ±.002]				
	1.25-1.42 [16]					1.47 ± 0.05 [0.058 ±.002]				
2217742-1	0.50-0.90 [20-18]	1.85-2.29 [0.73-.090]	YES	NO	3.18-3.56 [1.25-.156]	1.092±0.051 [0.043±.002]	583875-3 583875-6 5-583875-6	583875-2 583875-5 5-583875-5	TWIN LEAF CONTACT	114-9004
	1.25-1.42 [16]					1.346 ± 0.051 [0.053±.002]				
2217754-1	0.30-1.00 [2X22-1X18]	2X22=3.05 MAX [1.20 MAX]	NO	NO	3.18-3.56 [1.25-.156]	1.1304±0.038 [0.0445±.0015]	42840-[] 583272-[] 583989-[]	42717-[] []-583361-[] 60030-[] 58355-[] 583271-[] []-583989-[]	AMP LEAF CONTACT	114-9003
	0.30-0.60 [22-20]	1X18=1.65-2.03 [0.65-.080]				0.9779±0.0381 [0.0385±.0015]				
2217766-1	0.32-0.60 [22-20]	1.27-2.54 [0.50-1.00]	YES	NO	3.96 [1.56]	1.02 ± 0.05 [0.040±.002]	87278-[]	87269-[]	LOCKING CLIP CONTACT .031 X .062	114-25008
	0.80-0.90 [18]					1.22 ± 0.05 [0.048±.002]				
2280413-1	0.85-0.87 [18]	-	NO	YES	1.60 [0.63]	1.15 ± 0.05 [0.0153 ±.002]	-	RECPT-2271279-[] PIN-2271283-[] GROUND-2271285-[]	MICRO MOTOR CONN.	114-5377
	0.51-0.53 [20]			1 RECPT.		1.00 ± 0.05 [0.0394 ± .002]				
	0.34-0.37 [22]			2 PIN 3 GROUND		0.85± 0.05 [0.0335 ± .002]				
2217746-1	0.50-1.40 [2X20-2X18-16]	4.06 MAX [1.60 MAX]	NO	NO	3.56±0.38 [1.40±.015]	1.384 ± 0.051 [0.0545±.0020]	42840-3 66028-3 []-583989-[] 583991-3	42717-3 []-583361-[] 60151-[] 42840-1 1-42840-3 1-42840-4	AMP LEAF CONTACT	114-9003
	0.50-0.60 [20]	1.40-2.03 [0.55-.080]				1.054 ± 0.038 [0.0415±.0015]				
2217743-1	0.40-1.00 [21-8/2X22]	3.05 MAX [1.20 MAX]	NO	NO	3.56±0.38 [1.40±.015]	1.029 ± 0.038 [0.0405±.0015]	42840-3 583268-[]	42717-1 42702-1 583267-[] 583271-[]	AMP LEAF CONTACT	114-9003
	0.10-0.40 [26-22]	1.27-1.53 [0.050-.060]				0.775 ± .0038 [0.0305±.0015]				

 LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION ON TERMINAL PART NUMBERS, CONTACT THE TOOLING ASSISTANCE CENTER : 1-800-722-1111.

2. AMP, CERTI-CRIMP & AMP-BLADE ARE TRADEMARKS.

 -1 IS A CERTI-CRIMP II HAND TOOL ASSEMBLY. -3 IS A CERTI-CRIMP II HEAD SUB-ASSEMBLY.

4. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414. THE 91538-1 AND -3 TOOL USE IS 408-10274.

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1901557-1](#)