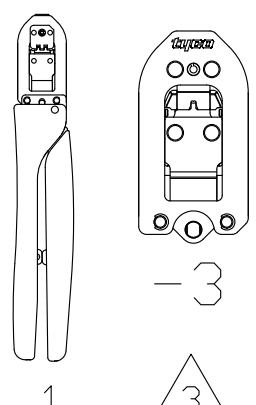
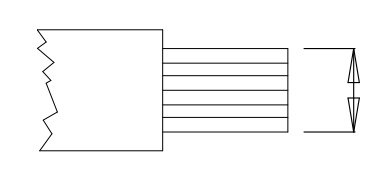
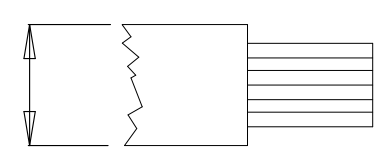
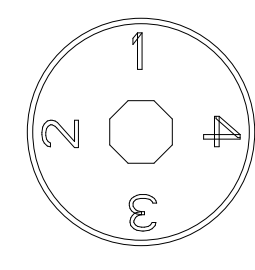
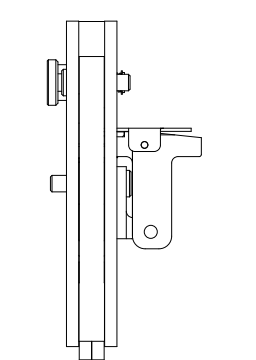
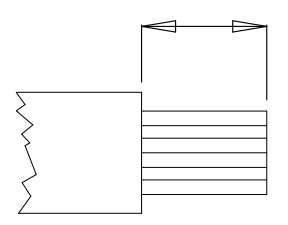
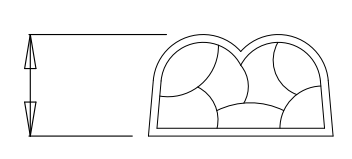
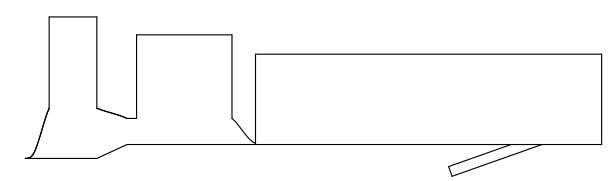
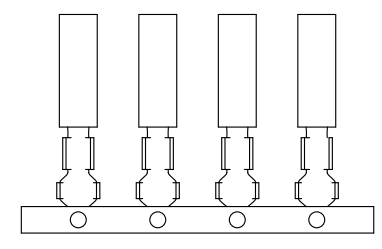


THIS DRAWING IS A CONTROLLED DOCUMENT. PWS NO 1583011

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TCI. IT IS TO BE USED ONLY FOR THE PURPOSES 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.

3308-8 (1/15)

USED ON _____											
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-[]		.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-[]		MINIATURE RECTANGULAR CONTACTS	114-1014	
	0.50-0.96 [20-18]					0.97 ± 0.057 [.038 ± .002]	350665-[] 350967-[] 350969-[] 641294-[]				
91531-1 91531-3	0.12-0.35 [26-22] ^{PIN}	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		TANDEM SPRING Contacts	114-25021	
	0.12-0.35 [26-22] ^{RECP}						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-[]		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		TWIN LEAF CONTACTS	114-9004	
	0.50-0.56 [20]					0.99 ± 0.05 [.039 ± .002]	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			
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-[]		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	

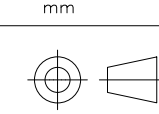
 LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION ON TERMINAL PART NUMBERS, CONTACT THE TOOLING ASSISTANCE CENTER : 1-800-722-1111.

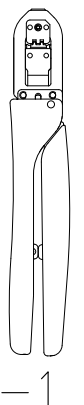
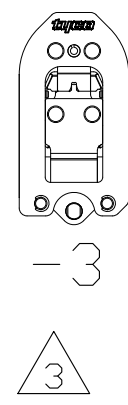
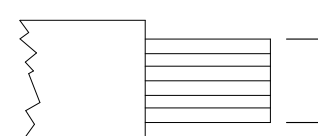
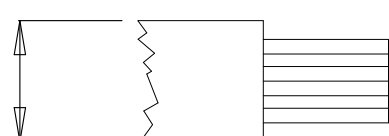
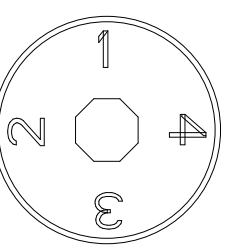
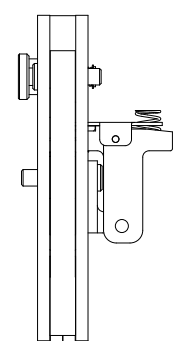
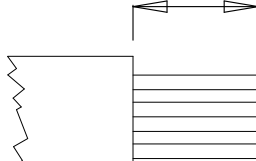
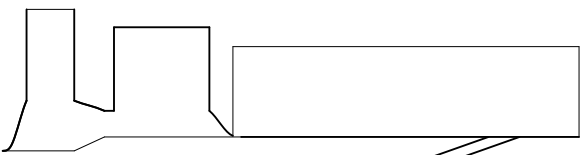
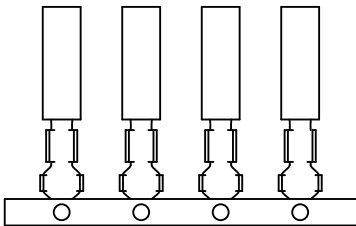
2. AMP, CERTI-CRIMP & AMP-BLADE ARE TRADEMARKS.

 -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

F27 REVISED		18JUL2025	GK	HA		mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± -	B.A.WOLFE		22FEB2012	 TE Connectivity				
F26 REVISED		28FEB2025	GK	HA				B.A. WOLFE							
F25 REVISED		25OCT2024	GK	HA				NAME		CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS					
P	LTR	REVISION RECORD		DATE				DWN	APVD	SCALE		SIZE	DRAWING NO	SHEET	OF
								-		A1	1583011		1	10	F27

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 202725-[]	SOCKET 202726-[]	COLOR: BLUE SHOULDER			
	0.75-1.42 [18-16]	-					PIN 200681-[] 200336-[] 204274-[] 204219-[] 207893-[]	SOCKET 201589-[] 200333-[] 207896-[] 130743-1	COLOR: BLUE BARREL BLUE SHOULDER			
	2.00-2.27 [14]	-					PIN 201645-[] 201570-[]	SOCKET 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-[] 164170-[] 166296-[] 166297-[]	203802-[] 203816-[]	164153-[] 164155-[] 166046-[] 166047-[]	203801-[] 203815-[]	TYPE XI CONTACT	114-10002
	0.50-0.56 [20]					0.876 ± 0.051 [.0345 ± .002]						
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.

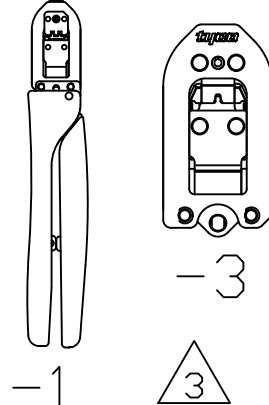
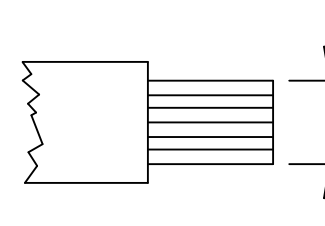
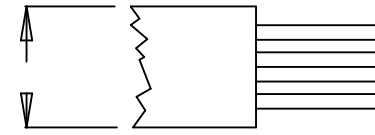
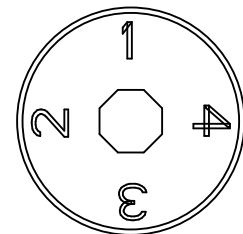
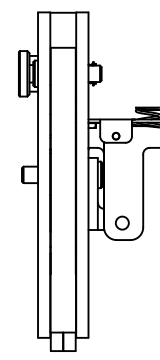
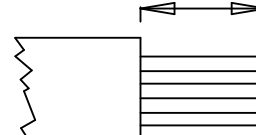
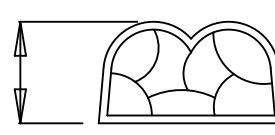
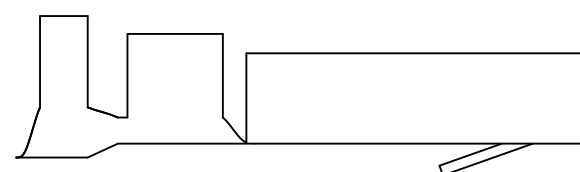
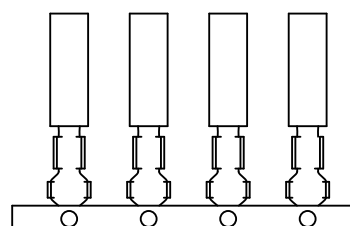
4. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414. THE 91538-1 AND -3 TOOL USE IS 408-10274.

CERTI-CRIMP II DATA SHEET

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN M. YOUNGER 21FEB2012	MATERIAL -	HEAT TREAT -	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± -		NAME CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS		CHK B.A.WOLFE 22FEB2012	 TE Connectivity		
ANGLES: -		APVD B.A. WOLFE 22FEB2012		SCALE -	SIZE A1	DRAWING NO 1583011	
P	LTR	REVISION RECORD	DATE	DWN	APVD	SHEET 2 of 10	REV F27

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TTI. IT IS THE PROPERTY OF TTI AND IS NOT TO BE REPRODUCED, COPIED, OR DISCLOSED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF TTI. ANY UNAUTHORIZED USE OR DISCLOSURE OF THIS INFORMATION MAY BE SUBJECT TO LEGAL ACTION. © 2015 TTI. ALL RIGHTS RESERVED.

THIS DRAWING IS A CONTROLLED DOCUMENT. 1583011

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

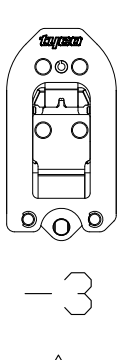
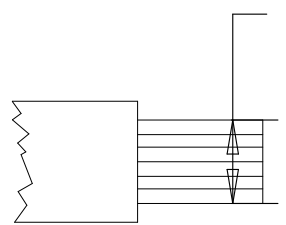
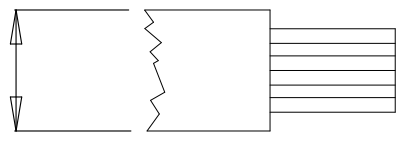
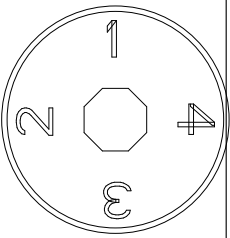
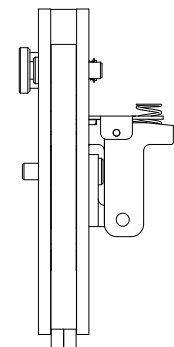
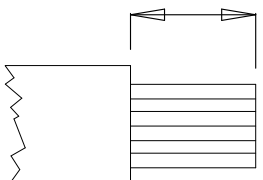
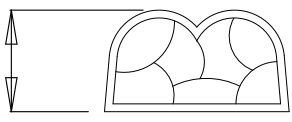
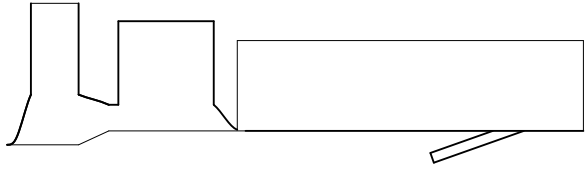
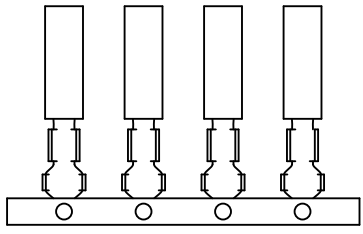
DWN	M. YOUNGER	21FEB2012	MATERIAL	-	HEAT TREAT	-
CHK	B.A.WOLFE	22FEB2012				
APVD	B.A. WOLFE	22FEB2012				
NAME	CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS					
SCALE	-	SIZE	A1	DRAWING NO	1583011	SHEET 3 of 10
REV	F27					

0	PLC	± .-
1	PLC	± .-
2	PLC	± .-
3	PLC	± .-
4	PLC	± .-

ANGLES	±
SURFACE TEXTURE	✓

SEE SHEET 1	-	-	-
SEE SHEET 1	-	-	-
SEE SHEET 1	-	-	-

REVISION RECORD	DATE	DWN	APVD

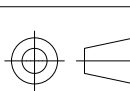
TOOL NUMBER  -1  -3	WIRE SIZE mm ² [AWG] 	INSULATION DIAMETER mm [in.] 	INSUL. ADJ. 	FLIP LOCATOR 	STRIP LENGTH mm [in.] 	CRIMP HEIGHT mm [in.] 	CONTACT PART NUMBERS 		CONTACT DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE 	STRIP FORM 		
1901760-1 1901760-3	0.30-0.56 [22-20]	1.5-2.4 [.059-.094]	NO	NO	4.0 ± 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.

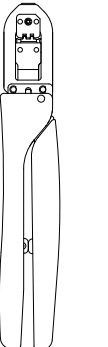
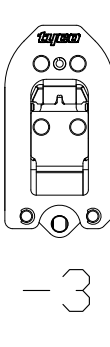
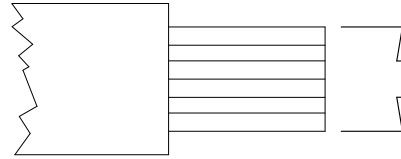
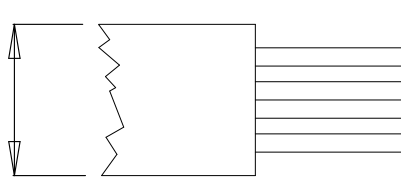
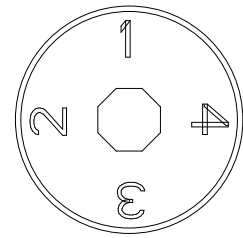
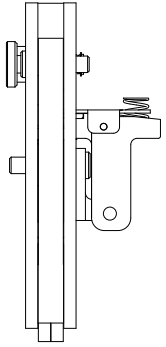
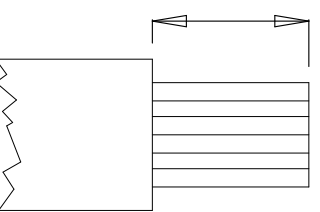
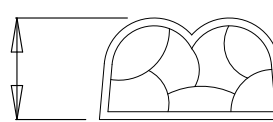
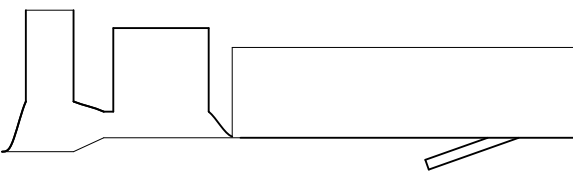
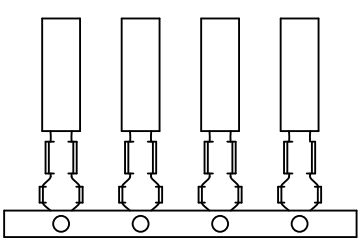
4. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414. THE 91538-1 AND -3 TOOL USE IS 408-10274.
-  REFER TO APPLICATION SPECIFICATION TO VERIFY COMPATIBILITY WITH TERMINAL HOUSING.

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TTI. IT IS THE PROPERTY OF TTI AND 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 TTI. © 2012 TTI. ALL RIGHTS RESERVED.

	-	SEE SHEET 1	-	-	-		DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± -	DWN M. YOUNGER 21FEB2012	CHEAT TREAT -			
	-	SEE SHEET 1	-	-	-				CHK B.A.WOLFE 22FEB2012	MATERIAL -			
	-	SEE SHEET 1	-	-	-				APVD B.A. WOLFE 22FEB2012	TE Connectivity			
P	LTR	REVISION RECORD	DATE	DWN	APVD	SURFACE TEXTURE	✓	SCALE -	SIZE A1	DRAWING NO 1583011	SHEET 4	OF 10	REV F27

CERTI-CRIMP II DATA SHEET

CERTI-CRIMP II TOOL DATA SHEET
MISCELLANEOUS CONTACTS

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]				
	1.25-14.42 [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

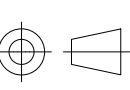
DWN	M. YOUNGER	21FEB2012	MATERIAL	-	HEAT TREAT	-					
CHK	B.A.WOLFE	22FEB2012	 TE Connectivity								
APVD	B.A. WOLFE	22FEB2012									
NAME											
CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS											
SCALE	-	SIZE	A1	DRAWING NO	1583011	SHEET	5	OF	10	REV	F27

REVISION RECORD

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

DIMENSIONS:

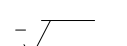
mm

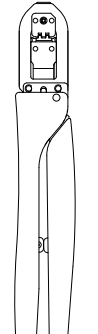
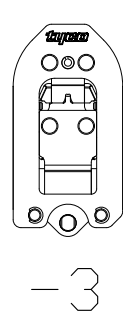
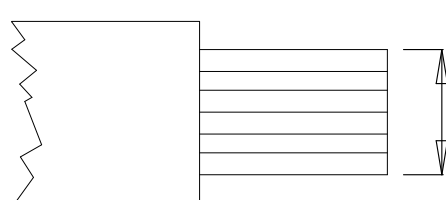
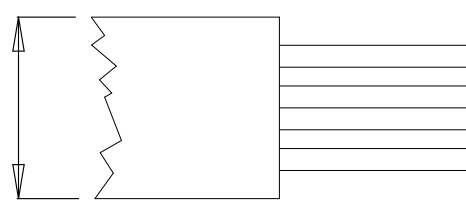
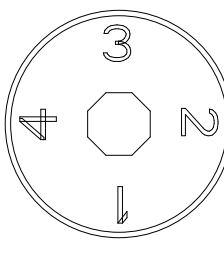
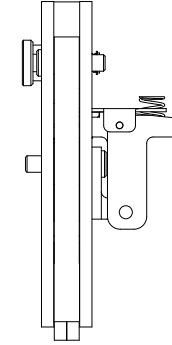
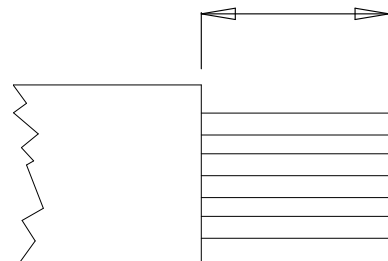
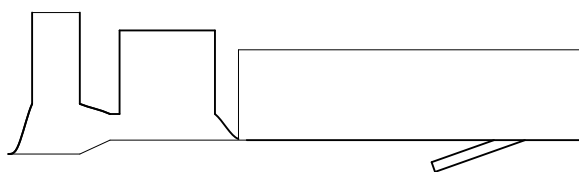
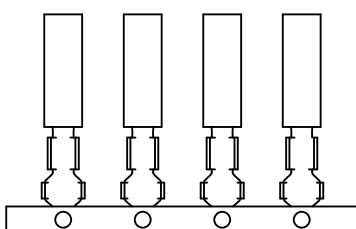


ANGLES#

-

SURFACE TEXTURE



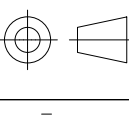
TOOL NUMBER -1 -3 	WIRE SIZE mm² [AWG] 	INSULATION DIAMETER mm [in.] 	INSUL. ADJ. 	FLIP LOCATOR 	STRIP LENGTH mm [in.] 	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS 		CONTACT DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE 	STRIP FORM 		
2119536-1 2119536-3	0.03 [32]	0.4-0.7 [.016-.028]	YES	YES	1.0-1.2 [.04-.05]	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]				

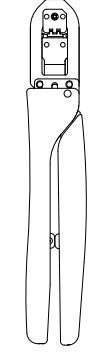
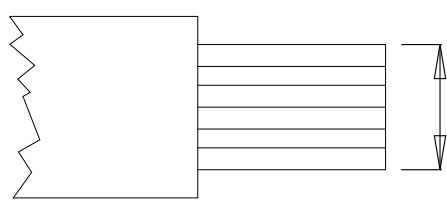
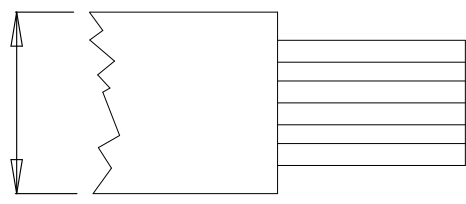
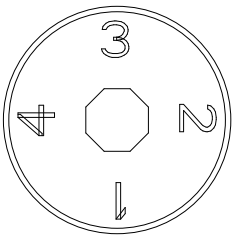
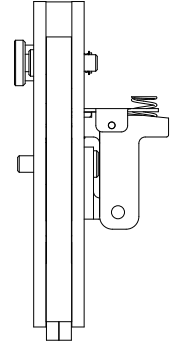
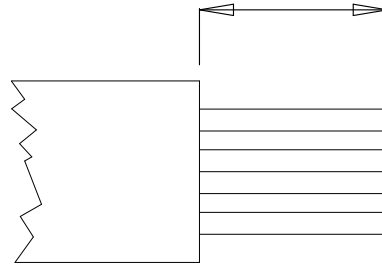
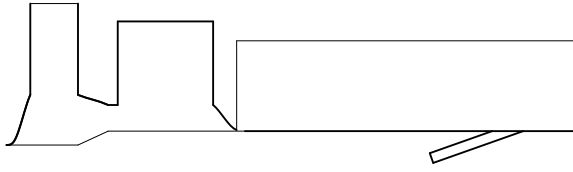
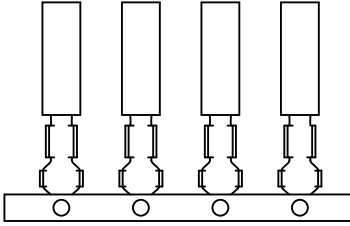
-  LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION ON TERMINAL PART NUMBERS, CONTACT THE TOOLING ASSISTANCE CENTER : 1-800-722-1111.

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

- SEE SHEET 1		-	-	-		DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± -	DWN M. YOUNGER 21FEB2012	MATERIAL -	HEAT TREAT -			
- SEE SHEET 1		-	-	-				CHK B.A.WOLFE 22FEB2012	 TE Connectivity				
- SEE SHEET 1		-	-	-				APVD B.A. WOLFE 22FEB2012					
NAME CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS								SCALE -	SIZE A1	DRAWING NO 1583011	SHEET 6	OF 10	REV F27

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 [.106-.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 [0.097-.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 [0.073-.090]	YES	NO	3.18-3.56 [0.125-.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 [0.120 MAX]	NO	NO	3.18-3.56 [0.125-.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 [0.065-.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 [0.156]	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 [0.063]	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 [0.160 MAX]	NO	NO	3.56±0.38 [0.140±.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 [0.055-.080]				1.054 ± 0.038 [0.0415±.0015]				
2217743-1	0.40-1.00 [21-8/2X22]	3.05 MAX [0.120 MAX]	NO	NO	3.56±0.38 [0.140±.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.

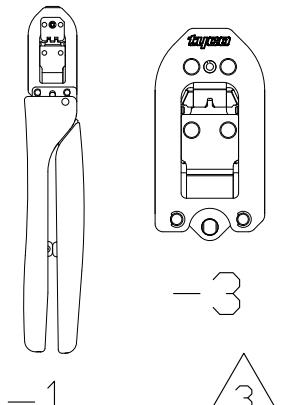
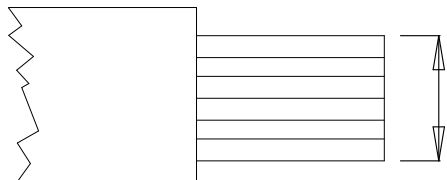
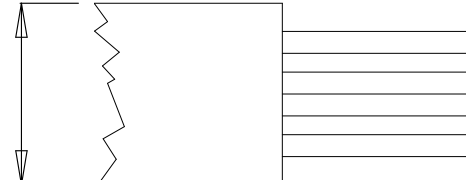
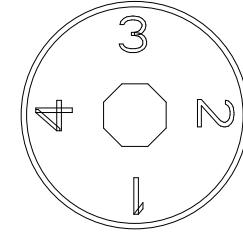
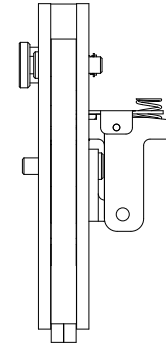
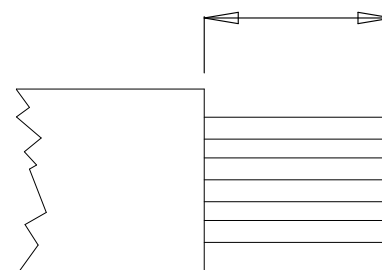
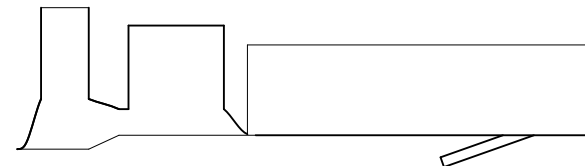
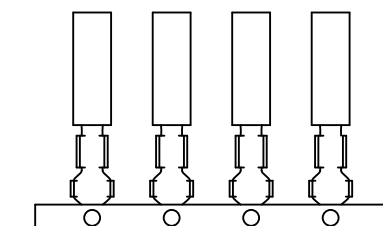
2. AMP, CERTI-CRIMP & AMP-BLADE ARE TRADEMARKS.

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

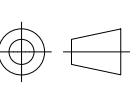
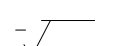
4. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414. THE 91538-1 AND -3 TOOL USE IS 408-10274.

CERTI-CRIMP II DATA SHEET

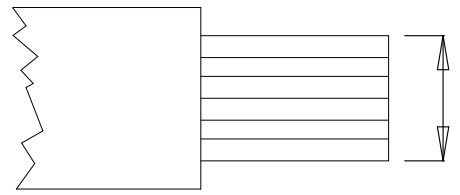
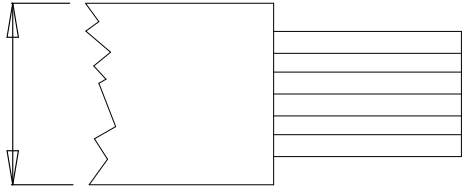
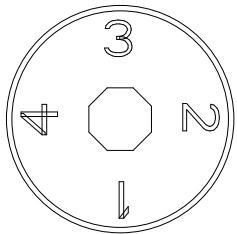
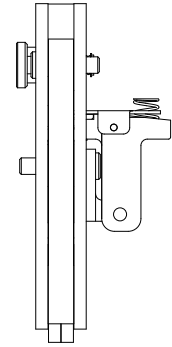
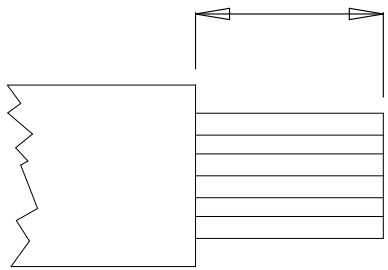
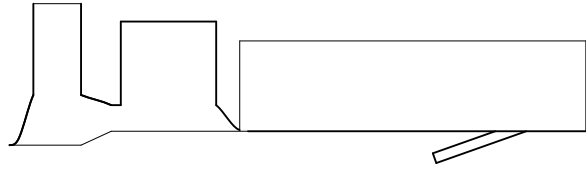
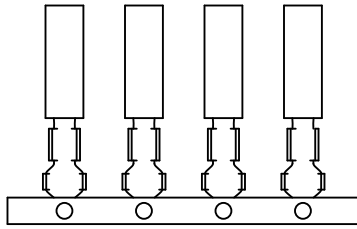
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN M. YOUNGER 21FEB2012	MATERIAL -	HEAT TREAT -
ANGLES: -		SURFACE TEXTURE 		CHK B.A.WOLFE 22FEB2012	 TE Connectivity	
P LTR		REVISION RECORD		APVD B.A. WOLFE 22FEB2012		
SCALE -		SIZE A1		DRAWING NO 1583011		SHEET 7 of 10
						REV F27

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 		
2217763-1	0.30-0.60 (22-20)	1.02-2.04 (.040-.080)	NO	NO	3.3 ± 0.4 (.130 ± .015)	1.067±0.038 (.042 ± .0015)	66010-2	66005	AMP BLADE RECEPT.	108-9201
	0.12-0.20 (26-24)	1.02-1.53 (.040-.060)				0.813±0.038 (.032 ± .0015)	66011-2	66009		
2217748-1	0.80-0.50 [18-20]	1.7-2.7 [.067-.106]	YES	NO	5.10 ± 0.40 [.200 ± .016]	1.22 ± 0.05 [.048 ± .002]	770854-1	770520-1	AMPSEAL	114-16016
	1.40 [16]					1.40 ± 0.05 [.055 ± .002]				
2217753-1	1.4-2.1 [16-14]	2.26-3.18 [.089-.125]	NO	NO	5.08 ± 0.40 [.200 ± .016]	1.55 ± 0.05 [.061 ± .002]	-	776491-[] 638112-[]	HDSF SIZE 16 PIN & SOCKET	114-13045
	0.90 [18]					1.37 ± 0.05 [.054 ± .002]				
2844375-1	0.13 [26]	0.85-1.05 [.033-.041]	NO	YES	3.25-3.55 [.128-.140]	0.59 ± 0.02 [.0230 ± .0008]	-	2098583-4	0.50MM RECEPTICLE CONTACT	114-13287
	0.35 [22]	1.10-1.20 [.043-.047]				0.67 ± 0.03 [.0264 ± .0012]	-	2098583-1		
	0.35 [22]	1.10-1.40 [.043-.055]				0.68 ± 0.02 [.0268 ± .0008]	-	2098583-2		
2217755-1	0.15-0.24 [26-24]	1.52 MAX [.060 MAX]	YES	NO	3.05 [0.120]	0.64 ± 0.05 [.025 ± .002]	794019-1 794018-1	-	.062 PIN & SOCKET	114-1013
	0.06-0.90 [30-28]					0.58 ± 0.05 [.023 ± .002]	794058-[] 794059-[]		MINI UNIVERSAL MATE-N-LOK	114-16017
							794224-[] 794225-[]		MINI UNIVERSAL MATE-N-LOK 2	114-1111
2217752-1	0.24-0.30 [24-22]	1.27-2.29 [.050-.090]	YES	NO	4.8-5.6 [.189-.220]	0.765±0.036 [.030 ± .0014]	61120-1 61122-1	61061 61063	AMP COMBO LINE CONNECTORS	408-7305
	0.60-0.90 [20-18]	1.52-2.79 [.060-.110]				0.955 ± 0.028 [.0376 ± .0011]	61121-1 61123-1			
2280517-1	1.00 mm2	2.10 MAX [.082]	NO	NO	4.0-4.4 [.157-.173]	1.12 ± 0.05 [.044 ± .002]	-	1924782-[]	GET NEW GENERATION FEMALE 0.64mm SOCKET CONTACTS	114-13236
	16 AWG	2.40 MAX [.094]			3.7-4.1 [.146-.161]	1.31 ± 0.05 [.052 ± .002]	-	1924880-[]		
	1.50 mm2				1.40 ± 0.05 [.055 ± .002]					
2305567-1	0.30-0.40 [22]	1.60-2.00 [.063-.078]	NO	YES	2.30-2.60 [.90-.102]	0.76 ± 0.05 [.0299 ± .002]	2834067-[] 2834068-[]	1-2834067-[] 2-2834067-[] 1-2834068-[] 2-2834068-[]	MINIATURE WATERPROOF CONNECTOR	114-137093
	0.80-.90 [18]					1.05 ± 0.05 [.0413 ± .002]				
	0.50-0.60 [20]					0.87 ± 0.05 [.0342 ± .002]				
2305781-1	0.15-0.30 [26-22]	0.89-1.65 [.035-.3045]	YES	NO	3.56-3.94 [.140-.155]	0.66 ± 0.05 [.026 ± .002]	350189-[] 60983-[]	61513-[] 60804-[]	PRINTED CIRCUIT BOARD DISCONNECTED RECPTACLE CONTACTS	114-1008
2063720-1	0.08-0.14 [28-26]	1.00-1.90 [.039-.075]	YES	YES	1.9-2.5 [0.075-0.098]	0.625±0.025 [.0246 ± .0010]		440134-1	AMP 2.5mm PITCH HPI HIGH PERFORMANCE INTERCONNECT (LOW COST) WIRE-TO-BOARD SYSTEM	114-57004
	0.20 [24]					0.70 ± 0.05 [.028 ± .002]				
	0.30-0.40 [22]					0.75 ± 0.05 [.029 ± .002]				
OWN M. YOUNGER 21FEB2012 MATERIAL - HEAT TREAT -										

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

DIMENSIONS:	
mm	
	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± -
ANGLES#	-
SURFACE TEXTURE	

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
				8	of	10
						REV
						F27

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 DESCRIPT.	APPLIC. SPECIF.
							LOOSE PIECE 	STRIP FORM 		
2280350-1	1.5 DS-QFB	-	NO	YES	3.65±0.25 (.144 ± .010)	0.73 ± 0.038 (.029 ± .001)	-	2203260-4 2203270-4	CENTER CONTACT 180 DEGREE FAKRA AUTOMATED	114-32145
	RTK-031					0.84 ± 0.038 (.033 ± .001)		2203260-8 2203270-8		
2350391-1	0.08-0.14 [26]	1.30-1.60 [.051-.063]	NO	YES	3.0±0.3 [0.118±0.012]	0.69 ± 0.05 [.027±.0010]	1-2321921-1 1-2321928-1	2321921-1 2321928-1	SDL 2.5 WATERPROOF	114-143067
	0.20 [24]					0.75 ± 0.05 [.030± .002]				
	0.30-0.40 [22]					0.82 ± 0.05 [.032± .002]				
2377922-1	0.08-0.14 [28-26]	1.18-1.56 [.046-.061]	YES	YES	1.7+/-0.3 [.067+/- .012]	0.62 ± 0.05 [.0245±.002]	-	2350223-[]	SIGNAL GRACEE INERTIA <SGI>2.0	114-143160
	0.20 [24]					0.69 ± 0.05 [.027± .002]				
	0.30-0.40 [22]					0.76 ± 0.05 [.030± .002]				
2386880-1	0.20-0.32 [24-22]	1.11-1.53 [.044-.060]	YES	NO	3.0+/-0.3 [.118+/- .012]	0.81 ± 0.05 [.032 ±.002]	2352413-3 2352413-4 -	2352413-1	MMC-PB-S RECEPTACLE 1 Series	114-78042
	0.51 [20]					0.97 ± 0.05 [.038± .002]				
2368883-1	0.08-0.15 [28-26]	1.05-1.40 [.041-.055]	NO	YES	2.0+/-0.3 [.079+/- .012]	0.65 ± 0.05 [.026 ±.002]	-	2354728-2	MMC-PB BRAKE RECEPTACLE	114-78045
	0.23 [24]					0.73 ± 0.05 [.029± .002]				
2386890-1	0.50-0.75 [20-18]	1.53-2.50 [.060-.098]	YES	NO	4.1+/-0.3 [.161+/- .012]	1.25 ± 0.05 [.049 ±.002]	2352424-3	2352424-1	MMC-PB-L RECEPTACLE 3 Series	114-78043
	1.25 [16]					1.50 ± 0.05 [.059± .002]				
2401910-1	0.22 [24]	0.95-1.30 [.037-.051]	NO	YES	3.65+/-0.15 [.144+/- .006]	0.64 ± 0.02 [.025 ±.001]	-	2834464-6	MINI DYNAMIC RECEPTACLE TERMINAL	114-137526
	0.35 [22]					0.72 ± 0.02 [.028± .001]				
2402611-1	0.13 [26]	0.85-1.10 [.034-.043]	NO	YES	3.65+/-0.15 [.144+/- .006]	0.59 ± 0.02 [.023 ±.001]	-	2834464-5	MINI DYNAMIC RECEPTACLE TERMINAL	114-137526
	0.17 [25]					0.63 ± 0.02 [.025± .001]				
2435219-1	0.05-0.09 [30-28]	0.9-1.10 [.035-.043]	YES	YES	2.1mm+/-0.2 [0.075 - 0.090]	0.57 ± 0.07 [.022 ±.003]	179610-1	179609-1	2.0mm Pitch CT Crimp Type II Rec Contact	408-8547 408-10414
	0.13 [26]	0.9-1.40 [.035-.055]				0.63 ± 0.07 [.025± .003]				
2430577-1	0.05-0.13 [30-26]	1.1-1.4 [0.043-0.055]	YES	YES	3.0 mm	0.62-0.74 [0.024-0.029]	-	172781-[]	LOW PROFILE MINI AMP-IN [30-22]	114-5062
	0.13-0.3 [26-22]	1.4-1.5 [0.055-0.059]				0.72-0.86 [0.028-0.034]		172782-[]		

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.

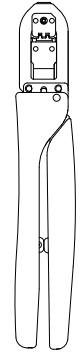
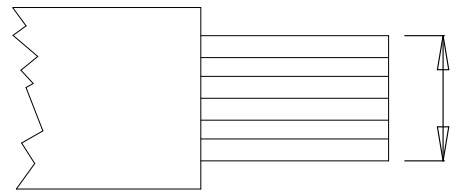
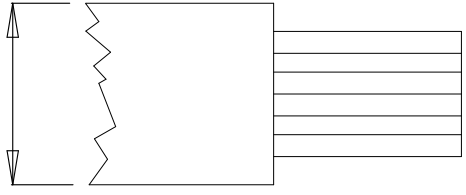
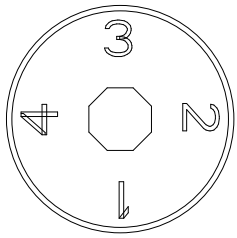
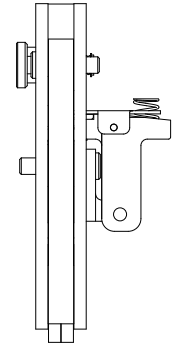
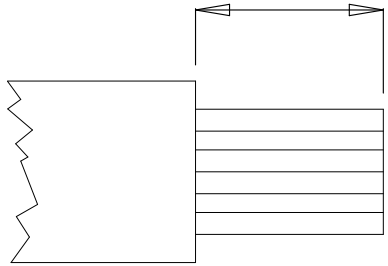
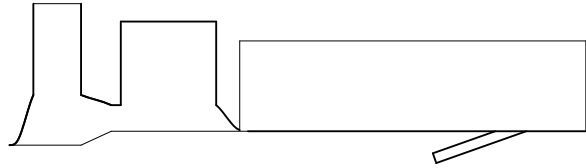
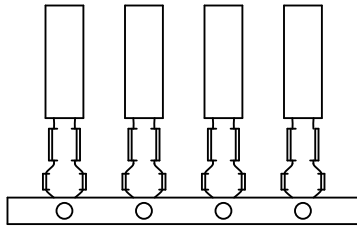
-	SEE SHEET 1	-	-	-
-	SEE SHEET 1	-	-	-
-	SEE SHEET 1	-	-	-
P	LTR	REVISION RECORD	DATE	DWN APVD

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

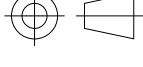
DWN	21FEB2012	MATERIAL	-	HEAT TREAT	-
CHK	22FEB2012		-		-
APVD	22FEB2012				
NAME					
CERTI-CRIMP II TOOL DATA SHEET					
MISCELLANEOUS CONTACTS					
SCALE	SIZE	DRAWING NO	SHEET	OF	REV
-	A1	1583011	9	10	F27

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TTI, INC. AND ITS SUBSIDIARIES. IT IS TO BE USED ONLY FOR THE PURPOSES AND REFERENCE SPECIFICATIONS AND NOT BE REPRODUCED, COPIED, EITHER IN WHOLE OR IN PART, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT AUTHORIZATION FROM TTI (www.tte.com).

THIS DRAWING IS A CONTROLLED DOCUMENT. 1583011

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 		
2439196-1	0.08-0.15 [28-26]	1.08-1.5 [0.043-0.059]	NO	NO	2.0 ± 0.3 [.078 ± .118]	0.59 – 0.69 (.023 – .027)	2232557-3	2232557-2	NEXT GENERATION GRACE INERTIA CONNECTOR 2.5	114-106077
	0.21-0.38 [24-22]					0.69 – 0.79 (.027 – .031)		2232557-3		

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

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm		0 PLC ± .01	
		1 PLC ± .01	
ANGLES: ±		2 PLC ± .01	
SURFACE TEXTURE		3 PLC ± .01	
		4 PLC ± .01	

DWN	21FEB2012	MATERIAL	–	HEAT TREAT	–
CHK	22FEB2012	B.A.WOLFE	–		
APVD	22FEB2012	B.A. WOLFE			
NAME					
CERTI-CRIMP II TOOL DATA SHEET					
MISCELLANEOUS CONTACTS					
SCALE	SIZE	DRAWING NO	SHEET	OF	REV
–	A1	1583011	10	10	F27