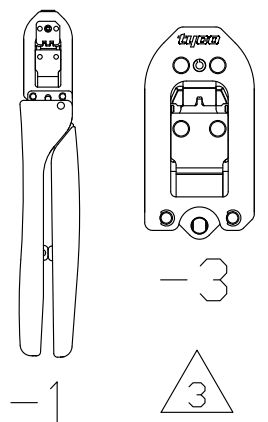
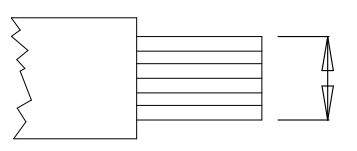
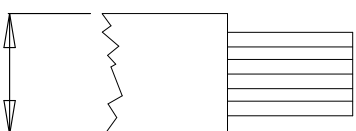
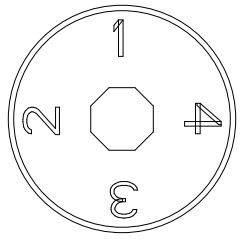
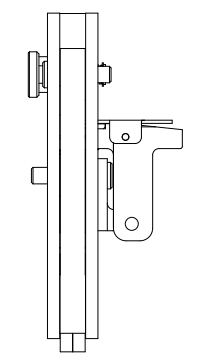
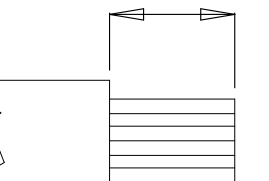
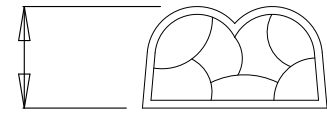
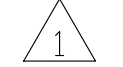
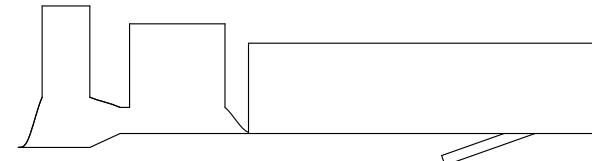
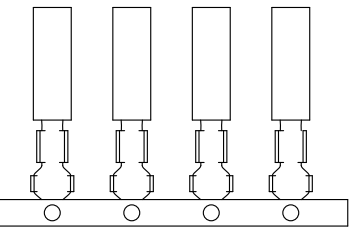


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TOOL NUMBER 	WIRE SIZE mm ² [AWG] 	INSULATION DIAMETER mm [in.] 	INSUL. ADJ. 	FLIP LOCATOR 	STRIP LENGTH mm [in.] 	CRIMP HEIGHT mm [in.] 	CONTACT PART NUMBERS 		CONTACT DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE 	STRIP FORM 		
91507-1 91507-3	0.20-0.50 [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] 0.50-0.96 [20-18]	1.27-2.92 [.050-.115]	YES	NO	3.96 ± 0.38 [.156 ± .015]	0.71 ± 0.057 [.028 ± .002] 0.97 ± 0.057 [.038 ± .002]	350666-[] 640545-[] 640580-[] 641300-[]	350665-[] 350967-[] 350969-[] 641294-[]	MINIATURE RECTANGULAR CONTACTS	114-1014
91531-1 91531-3	0.12-0.35 [26-22] ^{PIN} 0.12-0.35 [26-22] ^{RECP}	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 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	104505-2 104505-4 104505-6 531216-1 104480-1 1-104480-7 531216-3 104480-2 530553-3 104480-3 530553-5 104480-4 530553-7 1-104480-2 531224-6 1-104480-3	TANDEM SPRING Contacts	114-25021
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] 0.50-0.56 [20]	1.22-2.03 [.048-.080]	YES	NO	3.56 ± 0.38 [.140 ± .015]	0.84 ± 0.05 [.033 ± .002] 0.99 ± 0.05 [.039 ± .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
91537-1 91537-3	0.12-0.22 [26-24] 0.30-0.35 [22]	1.02-1.42 [.040-.056] 1.02-1.75 [.040-.069] 1.02-1.42 [.040-.056] 1.02-1.75 [.040-.069]	NO	NO	3.18 ± 0.38 [.125 ± .015]	0.622 ± .038 [.0245 ± .0015] 0.71 ± 0.05 [.028 ± .002]	86561-[] 88067-[] 86571-[] 181270-[] 86658-2 86657-2 86561-[] 88067-[] 86571-[] 181270-[] 86658-2 86657-2	86557-[] 88067-2 86566-[] 86656-2 86655-2 86557-[] 88067-2 86566-[] 86656-2 86655-2	FLEXIBLE FLAT CABLE CONNECTORS	114-16003 114-16007 114-16015 114-20004
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

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

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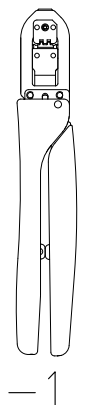
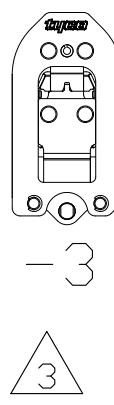
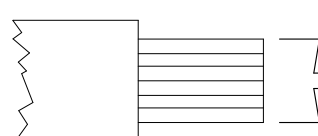
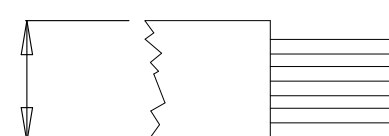
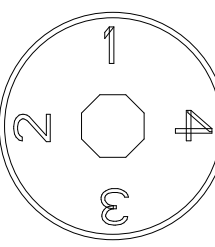
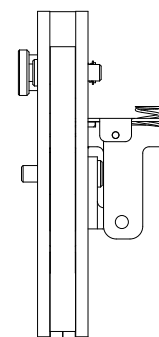
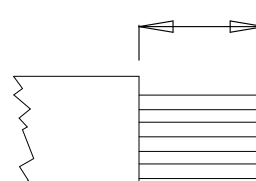
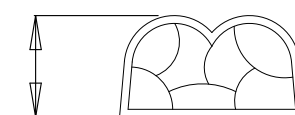
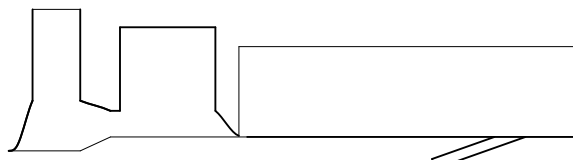
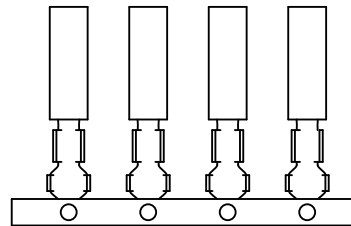
CERTI-CRIMP II DATA SHEET

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

THIS DRAWING IS A CONTROLLED DOCUMENT. DWG NO 1583011

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3308-8 (1/15)

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	531216-6 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]						

- 1

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

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CERTI-CRIMP II DATA SHEET

0

PLC

± -

1

PLC

± -

2

PLC

± -

3

PLC

± -

4

PLC

± -

ANGLES#

-

SURFACE TEXTURE



DWN

M. YOUNGER

21FEB2012

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

2

OF

10

REV

F27

MATERIAL

-

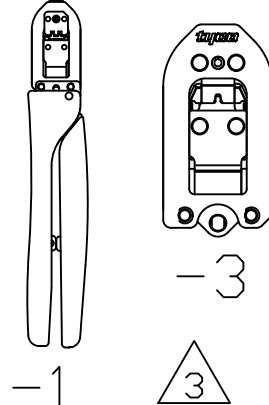
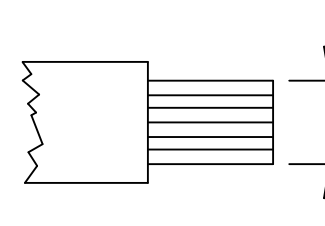
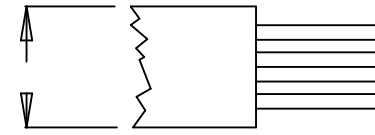
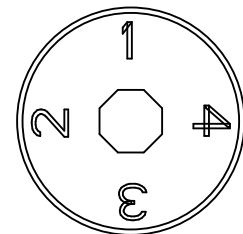
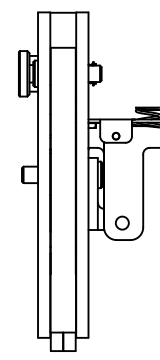
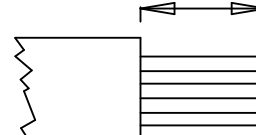
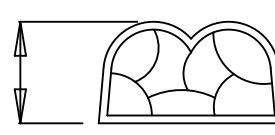
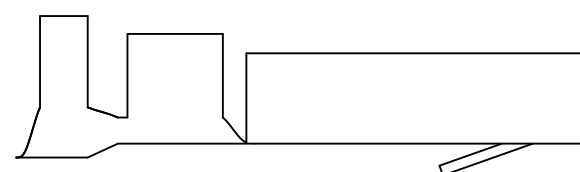
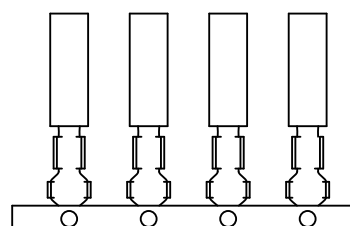
HEAT TREAT

-

TE Connectivity

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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)					

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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 10

0 PLC ± .-

1 PLC ± .-

2 PLC ± .-

3 PLC ± .-

4 PLC ± .-

ANGLES: -

SURFACE TEXTURE: 

SEE SHEET 1

SEE SHEET 1

SEE SHEET 1

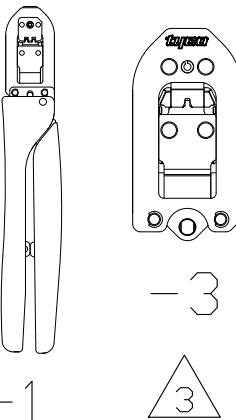
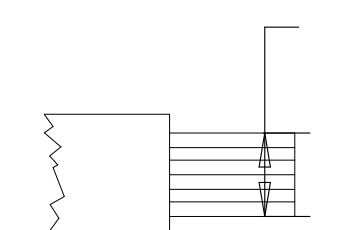
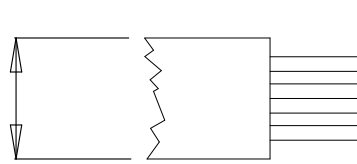
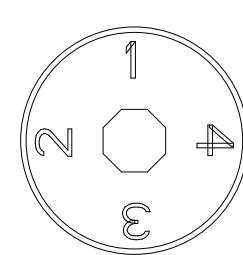
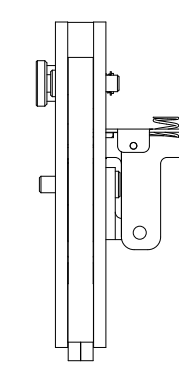
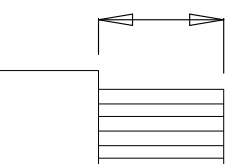
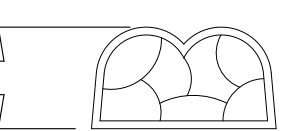
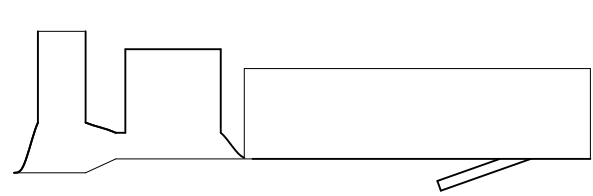
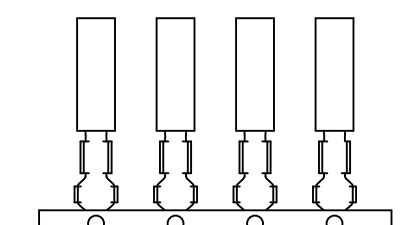
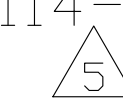
REVISION RECORD

DATE

DWN

APVD

ELECTRONICS CORPORATION AND ITS WORLDWIDE SUBSIDIARIES AND AFFILIATES (TE). IT MAY NOT BE DISCLOSED TO ANYONE, OTHER THAN TE PERSONNEL, 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 		
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 AMP/Modu 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 AMP/Modu (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

① 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.

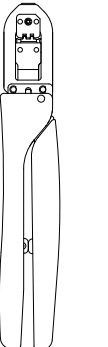
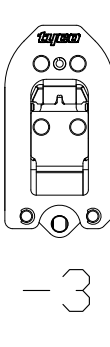
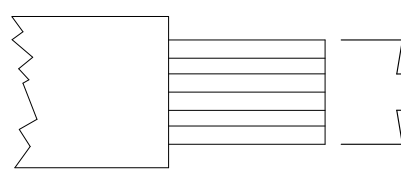
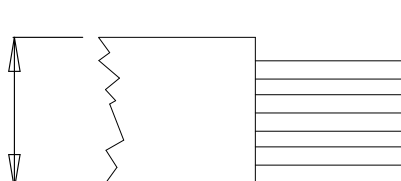
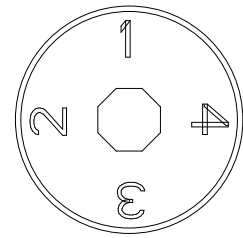
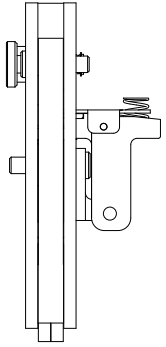
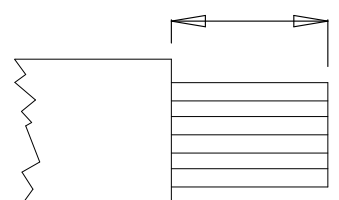
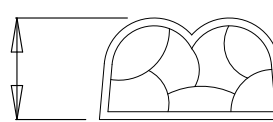
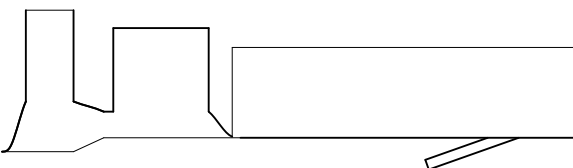
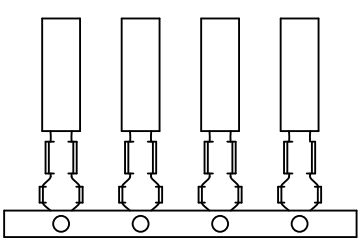
③ -1 IS A CERTI-CRIMP II HAND TOOL ASSEMBLY.
-3 IS A CERTI-CRIMP II HEAD SUB-ASSEMBLY.

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.

5 REFER TO APPLICATION SPECIFICATION TO VERIFY COMPATIBILITY WITH TERMINAL HOUSING.

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					
						DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:					
								0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± -					
						ANGLES ± -							
						SURFACE TEXTURE 							
								SCALE -		SIZE A1		DRAWING NO 1583011	
										SHEET 4		OF 10	
												REV 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 		
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.

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CERTI-CRIMP II DATA SHEET

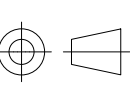
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CHK: B.A.WOLFE 22FEB2012		 TE Connectivity	
APVD: B.A. WOLFE 22FEB2012			
NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS			
SCALE: -	SIZE: A1	DRAWING NO: 1583011	SHEET 5 of 10 REV F27

REVISION RECORD

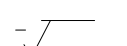
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-	-	SEE SHEET 1	-	-	-
-	-	SEE SHEET 1	-	-	-

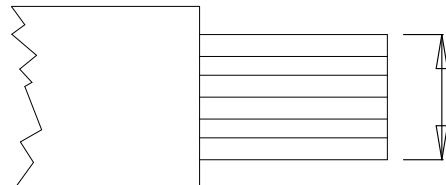
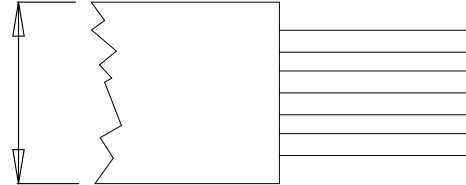
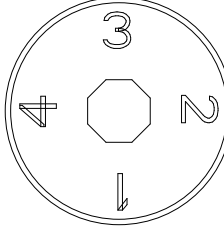
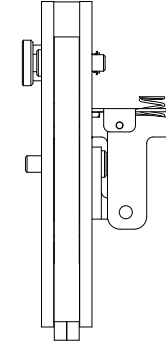
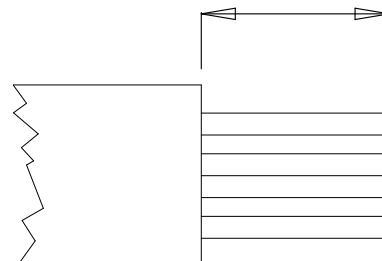
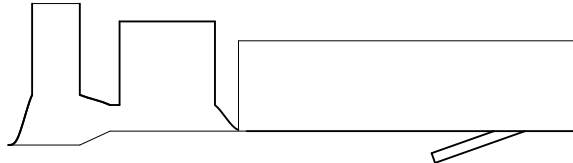
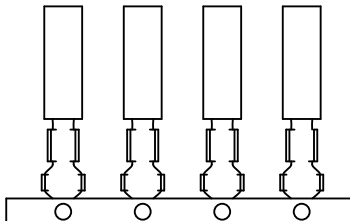
DIMENSIONS:

mm



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]	0.5-0.8 [.020-.031]				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]				

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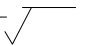
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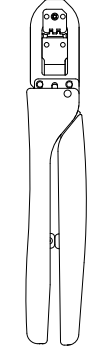
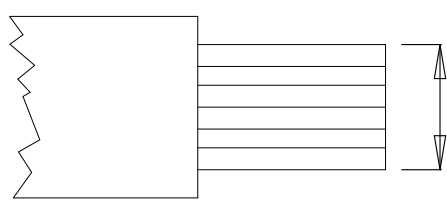
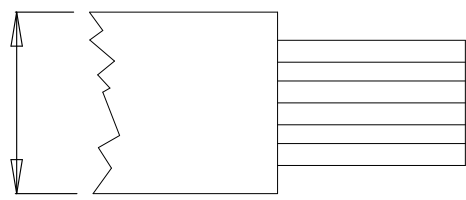
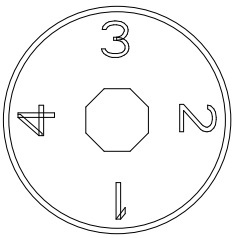
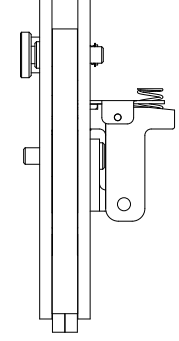
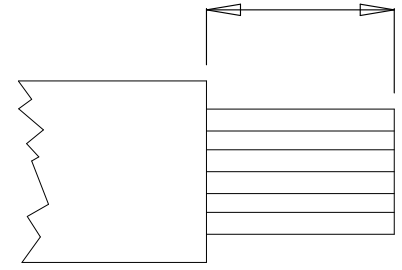
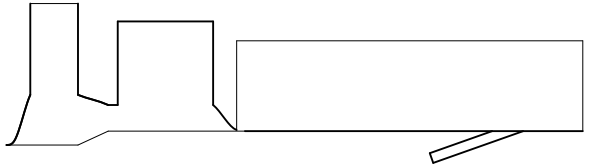
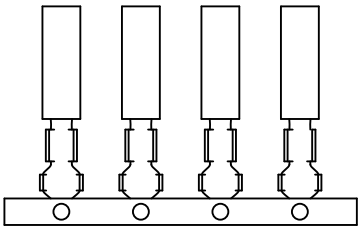
CERTI-CRIMP II DATA SHEET

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 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	-	-	-
P	LTR	REVISION RECORD	DATE	DWN	APVD

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±0.015]	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±0.015]	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.

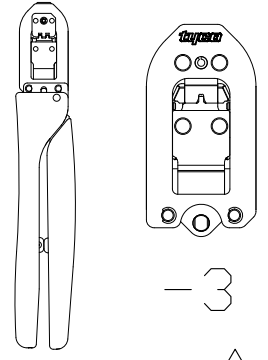
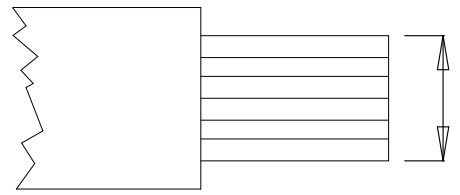
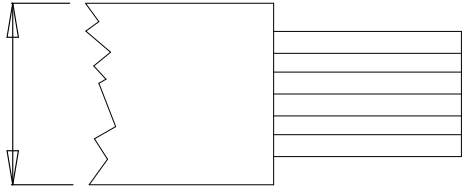
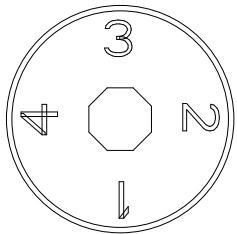
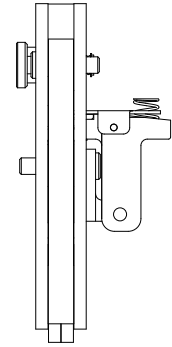
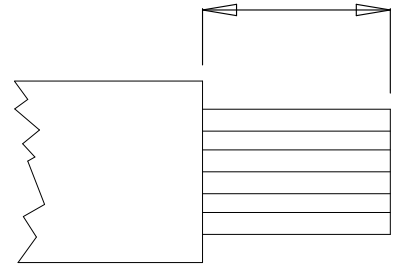
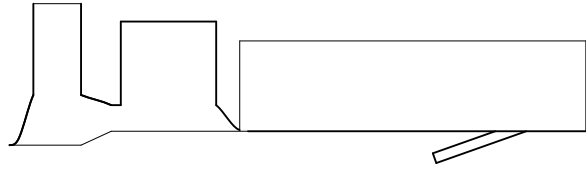
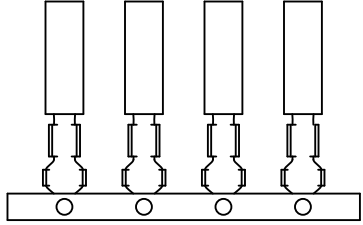
 -1 IS A CERTI-CRIMP II HAND TOOL ASSEMBLY. -3 IS A CERTI-CRIMP II HEAD SUB-ASSEMBLY.

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

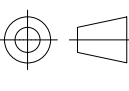
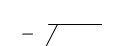
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P LTR		REVISION RECORD		DATE		DWN: B.A.WOLFE 22FEB2012		APVD: B.A. WOLFE 22FEB2012	
P LTR		REVISION RECORD		DATE		DWN: B.A.WOLFE 22FEB2012		APVD: B.A. WOLFE 22FEB2012	
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P LTR		REVISION RECORD		DATE		DWN: B.A.WOLFE 22FEB2012		APVD: B.A. WOLFE 22FEB2012	
P LTR									

		SEE SHEET 1	-	-	-	mm 	0 PLC ± -	APVD 22FEB2012		 TE Connectivity			
		SEE SHEET 1	-	-	-		1 PLC ± -	B.A. WOLFE					
		SEE SHEET 1	-	-	-		2 PLC ± -	NAME		CERTI-CRIMP II TOOL DATA SHEET			
		SEE SHEET 1	-	-	-		3 PLC ± -			MISCELLANEOUS CONTACTS			
		SEE SHEET 1	-	-	-		4 PLC ± -						
P	LTR	REVISION RECORD	DATE	DWN	APVD	SURFACE TEXTURE		SCALE	SIZE	DRAWING NO	SHEET	OF	REV
								-	A1	1583011	8	10	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-[]		

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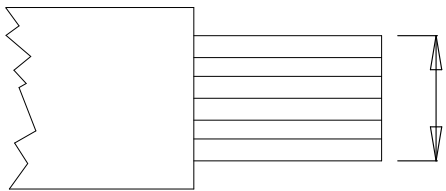
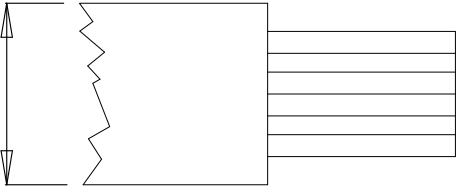
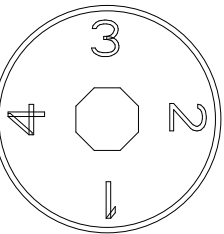
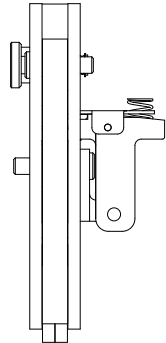
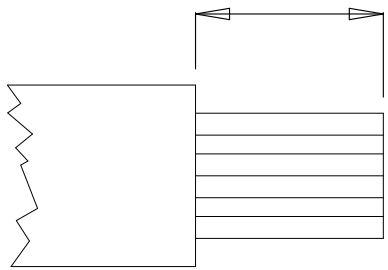
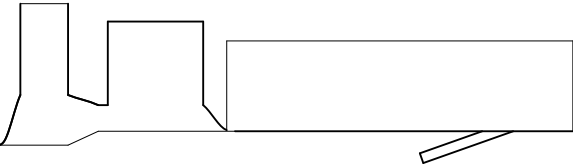
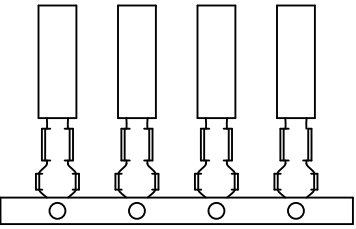
-	SEE SHEET 1	-	-	-
-	SEE SHEET 1	-	-	-
-	SEE SHEET 1	-	-	-
P	LTR	REVISION RECORD	DATE	DWN

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

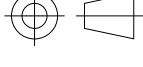
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CHK	22FEB2012	 TE Connectivity			
B.A.WOLFE					
APVD	22FEB2012				
B.A. WOLFE					
NAME					
CERTI-CRIMP II TOOL DATA SHEET					
MISCELLANEOUS CONTACTS					
SCALE	SIZE	DRAWING NO	SHEET	OF	REV
-	A1	1583011	9	10	F27

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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	± –
		1 PLC	± –
		2 PLC	± –
		3 PLC	± –
		4 PLC	± –
ANGLES#	–		
SURFACE TEXTURE			

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