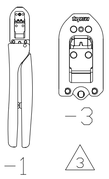
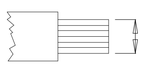
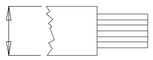
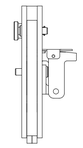
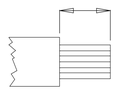
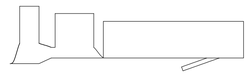
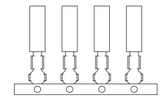
USED ON —

DWG NO 1583011

THIS DRAWING IS A CONTROLLED DOCUMENT.

TOOL NUMBER  -1 ⚠3 -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 ⚠1		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 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		
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

⚠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.

CERTI-CRIMP II DATA SHEET

P	LTR	REVISION RECORD	DATE	DWN	APVD
	F29	RIVISED	14JUL2026	PT	MC
	F28	REVISED	02JAN2026	MB	MCP
	F27	REVISED	18JUL2025	GK	HA

DIMENSIONS: mm

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

DWN M. YOUNGER	21FEB2012	MATERIAL — —
CHK B.A.WOLFE	22FEB2012	HEAT TREAT — —
APVD B.A. WOLFE	22FEB2012	TE Connectivity

NAME CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS

SCALE	SIZE	DRAWING NO	SHEET	REV
—	A1	1583011	1 OF 10	F29

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3308-8 (1/15)

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USED ON —

TOOL NUMBER	WIRE SIZE mm² [AWG]	INSULATION DIAMETER mm [in.]	INSUL. ADJ.	FLIP LOCATOR	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS 1				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
	2×0.75 [2×18]	-					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
	2×0.2 OR 2×0.3 [2×24 OR 2×22]	2.79 [.110] MAX TOTAL				1.067 ± 0.038 [.042 ± .0015]						

-1 3

-3

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

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

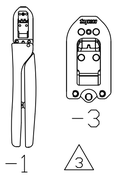
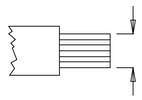
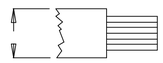
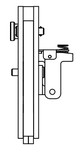
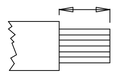
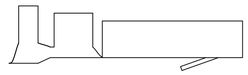
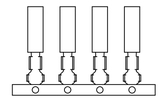
CERTI-CRIMP II DATA SHEET

DWN 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 2 OF 10 REV F29

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

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

CERTI-CRIMP II DATA SHEET

DWN 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 3 OF 10 REV F29

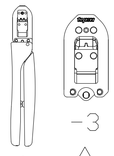
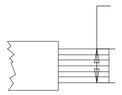
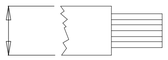
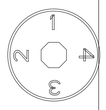
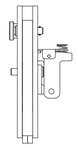
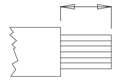
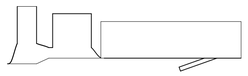
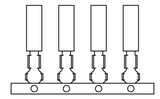
DWG NO 1583011

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USED ON —

TOOL NUMBER  -1 ⚠3 -3	WIRE SIZE mm² [AWG] 	INSULATION DIAMETER mm [in.] 	INSUL. ADJ. 	FLIP LOCATOR 	STRIP LENGTH mm [in.] 	CRIMP HEIGHT mm [in.] 	CONTACT PART NUMBERS ⚠1		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	0.50-0.96 [20-18]	1.27-2.92 [.050-.115]	YES	NO	4.0 ± 0.4 [.156 ± .015]	0.97 ± 0.05 [.039 ± .002]	350037	350019	MINIATURE RECTANGULAR CONTACT	114-1014
1901771-3	0.12-0.38 [26-22]					0.71 ± 0.05 [.028 ± .002]	350036	350018		
1901786-1	0.03-0.09 [32-28]	0.64-1.52 [.025-.060]	YES	NO	3.96-3.18 [.156-.125]	0.53 ± 0.05 [.021 ± .002]	530901-3	530901-2	MINI TANDEM SPRING RCPT	114-25021
1901786-3		0.64-1.37 [.025-.054]					104506-[ ]	104506-[ ]	AMPMODU MTE PIN	114-25026
1901798-1	0.20-0.38 [24-22]	0.97-1.57 [.038-.062]	YES	NO	3.96 [.156]	0.89 ± 0.05 [.035 ± .002]	–	⚠5 867052-[ ]	LOCKING CLIP .025-IN. SQUARE CONTACT	114-25006 ⚠5
1901798-3	0.5-0.6 [20]	1.27-2.54 [.050-.100]				1.02 ± 0.05 [.040 ± .002]				
1901829-1	INSULATION PIERCING SEE INSULATION DIAMETER	1.40 [.055]	NO	NO	USE UNSTRIPPED WIRE	1.27 ± 0.05 [.050 ± .002]	102348-2	87107-5	MOD IV CRIMP SNAP-IN RCPT	114-25003
1901829-3		1.02 [.040]				1.17 ± 0.05 [.046 ± .002]	102348-3	87107-6		
1901957-1	0.05-0.15 [30-26]	1.0-1.9 [.039-.075]	YES	NO	2.5 ± 0.5 [.098 ± .020]	0.71-0.86 [.028-.034]	171612-[ ]	171610-[ ]	AMP-ULTREX 2.5mm/2.54mm PITCH RECEPTACLE CONTACT	114-5077
1901957-3	0.12-0.35 [26-22]	0.9-1.5 [.035-.059]				0.59-0.73 [.023-.029]	171611-[ ]	171609-[ ]		
1901963-1	1.28-2.15 [16-14]	3.3-4.6 [.130-.180]	YES	NO	6.35 ± 1.60 [.250 ± .062]	1.68 ± 0.08 [.066 ± .003]	SOCKET PIN 350388-1 350389-1	SOCKET PIN 61626-1 61627-1	.140 MATE-N-LOK PIN AND SOCKET	114-1007
1901963-3	0.50-0.96 [20-18]	2.5-4.6 [.100-.180]				1.40 ± 0.08 [.055 ± .003]				
1976150-1	0.50-1.00 [24-20]	1.80 MAX [.071 MAX]	YES	NO	4.37 ± 0.25 [.172 ± .010]	0.94 ± 0.05 [.037 ± .002]	–	86497-2 86008-1	HI PRESSURE AMPMODU (INVERTED)	114-25010
	0.21-0.56 [32-26]	1.27 MAX [.050 MAX]				0.978 ± 0.050 [.0385 ± .0020]				

⚠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

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

DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED:
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		
APVD B.A. WOLFE	22FEB2012	TE Connectivity	
NAME	CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS		
SCALE –	SIZE A1	DRAWING NO 1583011	SHEET 4 OF 10 REV F29

DRW NO 1583011

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USED ON —

TOOL NUMBER	WIRE SIZE mm² [AWG]	INSULATION DIAMETER mm [in.]	INSUL. ADJ.	FLIP LOCATOR	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS 1		CONTACT DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE	STRIP FORM		
-1 3 / -3										
1901557-1	0.50-0.56 [20] 0.75-0.89 [18]	2.20-2.60 [.087-.102]	NO	NO	4.0-5.0 [.157-.197]	1.285 ± 0.065 [.0505 ± .0025] 1.310 ± 0.090 [.0515 ± .0035]	170112 170113	170099-2 170100-2	.079 (2.0mm) DIA PIN & RECEPTACLE	114-5019
1901557-3	1.25-1.42 [16] 2.00-2.27 [14]	2.70-3.50 [.106-.138]	NO	NO	4.5-7.0 [.177-.276]	1.645 ± 0.050 [.0652 ± .0020] 1.690 ± 0.090 [.0665 ± .0035]	170292 170293 171654	170279-1 170280-1 172786-1	.079 (2.0mm) DIA PIN & RECEPTACLE, LANCELESS	114-5039
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 2031200-3	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
2063834-1 2063834-3	0.5-0.6 [20] 0.8-0.9 [18] 1.25-14.42 [16]	1.8-2.1 [.071-.083] 1.8-2.2 [.071-.087]	YES	NO	4.00-5.00 [.157-.197]	0.89-1.05 [.035-.041] 0.89-1.08 [.035-.043] 1.06-1.40 [.042-.055]	179419-1 179420-1 1376702-1	–	.040 III UNSEALED RECEPTACLE CONTACT	114-5217
2063850-1 2063850-3	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
2063811-1 2063811-3	-	0.9-3.5 [.036-.138]	NO	NO	-	-	328854 328858 328855 328859 328856 328860 328857 328861	–	PRE-INSULATED SPARE WIRE CAP	-
2063857-1 4	22 OR 20 OR (2)24 18 OR (2)20 OR (2)22	1.52-2.29 [.060-.090]	NO	NO	3.56±0.40 [.140±.015]	0.94 ± 0.05 [.037 ± .002] 1.24 ± 0.05 [.049 ± .002]	640024-1	640259-1	.058 DIA PC CONTACT	114-1008

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	–	SEE SHEET 1	–	–	–
	–	SEE SHEET 1	–	–	–

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

CERTI-CRIMP II DATA SHEET

DWN 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 5 OF 10 REV F29

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USED ON –

TOOL NUMBER	WIRE SIZE mm² [AWG]	INSULATION DIAMETER mm [in.]	INSUL. ADJ.	FLIP LOCATOR	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS 1		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 [0.35-.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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CERTI-CRIMP II DATA SHEET

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

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

DWN M. YOUNGER 21FEB2012	MATERIAL – –	HEAT TREAT – –	TE Connectivity
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 F29

DRW NO 1583011

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USED ON —

TOOL NUMBER	WIRE SIZE mm² [AWG]	INSULATION DIAMETER mm [in.]	INSUL. ADJ.	FLIP LOCATOR	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS ⚠1 LOOSE PIECE	CONTACT PART NUMBERS ⚠1 STRIP FORM	CONTACT DESCRIP.	APPLIC. SPECIF.
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 [.039 ±.002]	1744395-1	1744144-1	ECONOMY POWER II	114-13265
	0.50-0.60 [20]					1.10 ± 0.05 [.043 ±.002]				
	0.81-0.89 [18]					1.15 ± 0.05 [.043 ±.002]				
2217660-1	0.50-0.60 [20]	1.7-2.9 [.67-.114]	YES	NO	2.46-2.84 [.097-.112]	1.12 0.05 .044 ±.002]	1744396-1	1744201-1	ECONOMY POWER II	114-13265
	0.81-0.89 [18]					1.27 ± 0.05 [.050 ±.002]				
	1.25-1.42 [16]					1.47 ± 0.05 [.058 ±.002]				
2217742-1	0.50-0.90 [20-18]	1.85-2.29 [.073-.090]	YES	NO	3.18-3.56 [.125-.156]	1.092±0.051 [.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 [.053±.002]				
2217754-1	0.30-1.00 [2X22-1X18]	2X22=3.05 MAX [.120 MAX]	NO	NO	3.18-3.56 [.125-.156]	1.1304±0.038 [.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 [.065-.080]				0.9779±0.0381 [.0385±.0015]				
2217766-1	0.32-0.60 [22-20]	1.27-2.54 [.50-.100]	YES	NO	3.96 [.156]	1.02 ± 0.05 [.040±.002]	87278-[ ]	87269-[ ]	LOCKING CLIP CONTACT .031 X .062	114-25008
	0.80-0.90 [18]					1.22 ± 0.05 [.048±.002]				
2280413-1	0.85-0.87 [18]	–	NO	YES 1 RECPT. 2 PIN 3 GROUND	1.60 [.063]	1.15 ± 0.05 [.0153 ±.002]	–	RECPT-2271279-[ ] PIN-2271283-[ ] GROUND-2271285-[ ]	MICRO MOTOR CONN.	114-5377
	0.51-0.53 [20]					1.00 ± 0.05 [.0394 ± .002]				
	0.34-0.37 [22]					0.85± 0.05 [.0335 ± .002]				
2217746-1	0.50-1.40 [2X20-2X18-16]	4.06 MAX [.160 MAX]	NO	NO	3.56±0.38 [.140±.015]	1.384 ± 0.051 [.0545±.0020]	42840-3 66028-3 [ ]-583989-[ ] 583991-3	42717-3 60082-1 [ ]-583361-[ ] 1-60082-3 60151-[ ] 66028-1 42840-1 1-66028-3 1-42840-3 1-42840-4	AMP LEAF CONTACT	114-9003
	0.50-0.60 [20]	1.40-2.03 [.055-.080]				1.054 ± 0.038 [.0415±.0015]				
2217743-1	0.40-1.00 [21-8/2X22]	3.05 MAX [.120 MAX]	NO	NO	3.56±0.38 [.140±.015]	1.029 ±0.038 [.0405±.0015]	42840-3 583268-[ ]	42717-1 583272-[ ] 42702-1 583990-[ ] 583267-[ ] 583991-[ ] 583271-[ ] 583989-[ ]	AMP LEAF CONTACT	114-9003
	0.10-0.40 [26-22]	1.27-1.53 [.050-.060]				0.775 ±.0038 [.0305±.0015]				

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

CERTI-CRIMP II DATA SHEET

DWN 21FEB2012 M. YOUNGER	MATERIAL – –	HEAT TREAT – –	TE Connectivity
CHK 22FEB2012 B.A.WOLFE			
APVD 22FEB2012 B.A. WOLFE			

NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS

SCALE	SIZE	DRAWING NO	SHEET	REV
–	A1	1583011	7 OF 10	F29

DWG NO 1583011

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USED ON –

TOOL NUMBER	WIRE SIZE mm² [AWG]	INSULATION DIAMETER mm [in.]	INSUL. ADJ.	FLIP LOCATOR	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS 1		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
							794058-[] 794059-[]		MINI UNIVERSAL MATE-N-LOK	114-16017
	0.06-0.90 [30-28]					0.58 ± 0.05 [.023 ± .002]	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	61062 61064		
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 INTERNCONNECT (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]				

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

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
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
MATERIAL	– –
HEAT TREAT	– –
NAME	CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS
SCALE –	SIZE A1
DRAWING NO	1583011
SHEET	8 OF 10
REV	F29

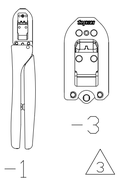
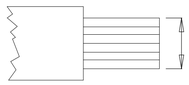
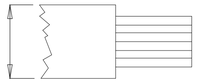
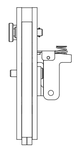
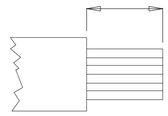
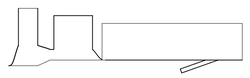
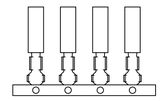
TE Connectivity

DWG NO 1583011

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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 1		CONTACT DESCRIP.	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-[]		

P	LTR	REVISION RECORD	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–
	–	SEE SHEET 1	–	–	–
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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –
SURFACE TEXTURE –√

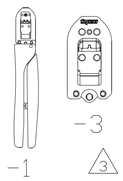
DWN M. YOUNGER	21FEB2012	MATERIAL – –	HEAT TREAT – –
CHK B.A.WOLFE	22FEB2012		
APVD B.A. WOLFE	22FEB2012	TE Connectivity	
NAME CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS			
SCALE –	SIZE A1	DRAWING NO 1583011	SHEET 9 OF 10 REV F29

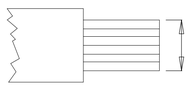
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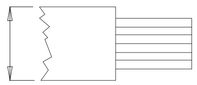
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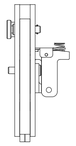
TOOL NUMBER	WIRE SIZE mm² [AWG]	INSULATION DIAMETER mm [in.]	INSUL. ADJ.	FLIP LOCATOR	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS 1		CONTACT DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE	STRIP FORM		
2439196-1	0.08-0.15 [28-26] 0.21-0.38 [24-22]	1.08-1.5 [0.043-0.059]	NO	NO	2.0 ± 0.3 [.078 ± .118]	0.59 – 0.69 (.023 – .027) 0.69 – 0.79 (.027 – .031)	2232557-3	2232557-2 2232557-3	NEXT GENERATION GRACE INERTIA CONNECTOR 2.5	114-106077
2506062-1	0.35 [22]	1.05-1.30 [.041-.051]	NO	YES	3.25±0.15 [.127 ± .006]	0.73±0.02 [.029±.00078]	–	2371780-[ ]	NANOMQS NEXTGEN	114-94671

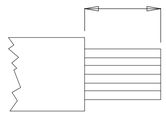


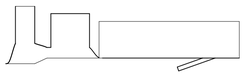


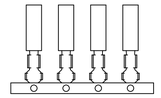












	–	SEE SHEET 1	–	–	–
	–	SEE SHEET 1	–	–	–
	–	SEE SHEET 1	–	–	–
P	LTR	REVISION RECORD	DATE	DWN	APVD

DIMENSIONS: mm

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SURFACE TEXTURE –√–

DWN M. YOUNGER	21FEB2012	MATERIAL – –	HEAT TREAT – –
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NAME CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS			
SCALE –	SIZE A1	DRAWING NO 1583011	SHEET 10 OF 10 REV F29

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