TODL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER mm [in.]	INSUL, Adj,	FLIP Locator	STRIP LENGTH mm [in,]	CRIMP HEIGHT mm [in,]	CONTACT Loose piece	PART NUMBERS A Strip form		
									CONTACT DESCRIP,	APPLIC, Specif,
91507-1 91507-3	0,20-0,50 [24-20]	1.14-1.78 [.045070]			3,56 ± 0,39 [,140 ± ,0155]	$\begin{array}{c} 0.84 \pm 0.05 \\ [.033 \pm .002] \end{array}$	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		3,96 ± 0,38 [,156 ± ,015]	$\begin{array}{c} 0.71 \pm 0.057 \\ [.028 \pm .002] \\ 0.97 \pm 0.057 \\ [.038 \pm .002] \end{array}$	350666-[] 640545-[] 640580-[] 641300-[]	350665-[] 350967-[] 350969-[] 641294-[]	MINIATURE RECTANGULAR Contacts	114-1014
91531-1 91531-3	0.12-0.35 PIN [26-22] 0.12-0.35RECP [26-22]	0,91-1,37 [,036-,054]	YES	YES	3,56 ± 0,38 [,140 ± ,015]	0,76 ± 0,05 [,030 ± ,002]	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	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		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	N	3,56 ± 0,38 [,140 ± ,015]	$\begin{array}{c} 0.84 \pm 0.05 \\ [.033 \pm .002] \\ 0.99 \pm 0.05 \\ [.039 \pm .002] \end{array}$	531477-3 531477-5 531477-5 583853-4 583853-5 583853-5		TWIN LEAF Contacts	114-9004
91537-1 91537-3	0.12-0.22 [26-24] 0.30-0.35 [22]	1.02-1.42 [.040056] 1.02-1.75 [.040069] 1.02-1.42 [.040056] 1.02-1.75 [.040069]			3,18 ± 0,38 [,125 ± ,015]	$0.622 \pm .038$ [.0245 ± .0015 0.71 ± 0.05 [.028 ± .002]	86561-[] 88067-[] 86571-[] 181270-[86658-2 86657-2 86561-[] 88067-[] 86571-[] 181270-[86658-2 86657-2] 86566-[] 86656-2 86655-2] 86557-[] 88067-2	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]	N		5.16 ± 0.38 [.203 ± .015]	1,09 ± 0,05 [,043 ± ,002]		RUCTION SHEET)8-10274	TYPE II SCREW MACHINE Contact	114-10026

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

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8

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

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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.

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						CER		-CR		P		I D4	$A \top A$			
					L					YOUNG	ER	21FEB2012	MATERIAL –	HE	AT TREAT – –	
							OTHE 0 PLC 1 PLC	ERANCES UNLESS RWISE SPECIFIED: ± _ ± -	APVD	WOLFE WOLF		22FEB2012 22FEB2012	-E TE		E Connec	tivity
	F18 /	ADDED 2305781-1	08/2017	CAM	CAM ,	ANGLES± -	2 PLC 3 PLC 4 PLC	± - ± - ± -	NAME		0175	MISCELL	P II TOOL DATA S ANEOUS CONTACTS	<u>}</u>		
Ρ	LTR	REVISION RECORD	DATE	_		SURFACE TEXTURE	-		SCALE	_	A1	drawing no 158	3011	SHEET 1	^{of} 8	^{rev} F18
		ς						2					1			

USED ON ____

TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER	INSUL, ADJ,	FLIP Locator	STRIP LENGTH	CRIMP HEIGHT		CONTACT Pr	ART NUMBER	$RS \Lambda$
		mm [in.]			mm [in.]	mm [in.]	LOOSE	PIECE	STRI	> Form
$ \begin{bmatrix} -3 \\ -1 \end{bmatrix} $										
	0,30-0,89 [22-18]	_					PIN -	SOCKET 201751-[]		REEN BARRE Shoulder
	2×0,75 [2x18]	_					PIN 202725-[]	SOCKET 202726-[]	COLOR: BLUE	E SHOULDEF
91539-1 91539-3	0,75-1,42 [18-16]	_			6.35±0.38 [.250±.015]	1.60 ± 0.05 [.063 ± .002]	PIN 200681-[] 200336-[] 204274-[] 204219-[] 207893-[]	SOCKET 201589-[] 200333-[] 207896-[] 130743-1		UE BARREL Shoulder
	2.00-2.27 [14]	_					PIN 201645-[] 201570-[]	SOCKET 201568-[]	COLOR: VIE BLUE S	JLET BARRE Shoulder
91540-1	0,12-0,35 [26-22]	0.91-1.42 [.036056]	- YES		3.56 ± 0.38	0,76 ± 0,05 [,030 ± ,002]	530553-5 530553-7	531216-2 531216-4 531224-7	530553-1 530553-2 530553-4	530553- 531216- 531216-
91540-3	0.03-0.09 [32-28]	0,64-1,37 [,025-,054]			[.140 ± .015]	0.56 ± 0.05 [.022 ± .002]	531225-3 530901-3	530901-5 530901-7	531225-6 530901-1 530901-2	530901- 530901-
91544-1 91544-3	0,20-0,35 [24-22] 0,50-0,56 [20]	1,58 MAX [,062] MAX	YES		3,96 ± 0,38 [,156 ± ,015]	$\begin{array}{c} 0.724 \pm 0.051 \\ [.0285 \pm .002] \\ 0.876 \pm 0.051 \\ [.0345 \pm .002] \end{array}$	164169-[] 164170-[] 166296-[] 166297-[]	203802-[] 203816-[]	164153-[] 164155-[] 166046-[] 166047-[]	203801-E 203815-E
91546-1 91546-3	0,50-0,89 [20-18]	2,03-2,54 [,080-,100]			4.76 ± 0.38 [.188 ± .015]	1,42 ± 0,05 [,056 ± ,002]	41	667	42	1650
91547-1 91547-3	0,20-0,35 [24-22]	1,02-1,52 [,040-,060]			3,18 ± 0,38 [,125 ± ,015]	0,89 ± 0,05 [,035 ± ,002]	41661 41662	41663	41278 41640	41646 66113-3
91555-1 91555-3	0,20-0,56 [24-20] 2×0,2 OR 2×0,3 [2×24 OR 2×22]	1.02-1.78 [.040070] 2.79 [.110] MAX TOTAL	- N 🗆	N	2,92-3,68 [,115-,145]	0.991 ± 0.038 [.039 ± .0015] 1.067 ± 0.038 [.042 ± .0015]	-	10-[] 586-6)5-[] 586-3

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

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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.

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ANGLES ±	—	—	_	SEE SHEET 1	_	
SURFACE T	APVD	DWN	DATE	REVISION RECORD	LTR	Ρ

\checkmark	CONTACT DESCRIP,	APPLIC, Specif,
ARREL ER LDER R REL ER ARREL ER	TYPE II SCREW MACHINE Contact	114-10026
553-6 216-1 216-3 901-4 901-6	TANDEM SPRING & Mini-tandem spring Contacts	114-25021
)1-[] .5-[]	TYPE XI Contact	114-10002
<i>c</i> , , <i>c</i>	TAPER PIN Contact	114-7006
646 113-3	TAPER PIN Contact	114-7006
	AMP-BLADE RECEPTACLE Contact	108-9202

CERTI-CRIMP II DATA SHEET 21FEB2012 MATERIAL HEAT TREAT _ M. YOUNGER _ 22FEB2012 TOLERANCES UNLESS OTHERWISE SPECIFIED: ENSIONS B.A.WOLFE 22FEB2012 TE Connectivity B.A. WOLFE NAME CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS cale size d — A1 SCALE SHEET REV 2 OF 8 F18 1583011 TEXTURE

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USED ON ____

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TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER	INSUL, ADJ,	FLIP Locator	STRIP LENGTH	CRIMP HEIGHT	(CONTACT PA	RT NUMBERS	S Λ
		mm [in.]			mm [in.]	mm [in.]	LOOSE	PIECE	STRIP	FORM
91354-1	1.94-2.15 [14]	2,18-3,94 [,086-,155]			4,8-5,6 [,189-,220]	1.70 ± 0.05 [.067 ± .002]			9-1437	7846-0
91355-1	0.32-0.38 [22]	1,50-1,75 [,059-,069]	- N 🗆		4,8-5,6	1.10 ± 0.05 [.043 ± .002]			9-1437	7846-1
	0,81-0,96 [18]	1,70-3,00 [,067-,118]			[,189-,220]	1.45 ± 0.05 [.057 ± .002]			9-1437	7846-2
91356-1	1,28-1,42 [16]	2,18-2,41 [,086-,095]			4,8-5,6 [,189-,220]	1.32 ± 0.05 [.052 ± .002]			14560	004-1
91357-1	0.50-0.60 [20]	1.70-1.93 [.067076]			4,8-5,6	1.05 ± 0.05 [.041 ± .002]			14560)04-2
71557 1	0,81-0,96 [18]	1,90-2,25 [,075-,089]			[,189-,220]	1.15 ± 0.05 [.045 ± .002]			14560	004-1
91599-1	0,20-0,22 [24]	0,96-1,12 [,038-,044]			2,5-3,3 [,100-,130]	0,79 ± 0,05 [,031 ± ,002]	1604	735-1		
1725061-1	0.30-0.35 [22]	1,34-1,60 [,053-,063]			3,8-4,8 [,150-,189]	1.55 ± 0.13 [.061 ± .005]	ASCO PN;	280019-001		
1804573-1	0.50-0.56×2 [20×2]	1,27-1,83 [,050-,072]			2,9-3,7	1.11 ± 0.05 [.043 ± .002]		26-2		21-2
1804573-3	0,50-0,89 [20-18]	1,73-2,29 [,065-,090]			[,115-,145]	0,99 ± 0,05 [,039 ± ,002]				
	0,12-0,37 (26-22)	1,20-1,90 (,047-,075)				0.83 ± 0.04 (.033 ± .002)	175153	175155	175149	175151
1213783-1	0,50-0,89 (20-18)	1.70-2.70 (.067106) N□		3,2 ± 0,5 (,12 ± ,02)	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)	1/ JIJ4			

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

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4. THE HAND ALSO KNOW TOOLS USE USE IS 408 USE IS 408

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ERTI-CRIMP II HAND TOOL ASSEMBLY, Certi-Crimp II head Sub-Assembly,	
TOOL INSTRUCTION SHEET, /N AS AN "IS", FOR MOST CERTI-CRIMP II IS 408-8547, IF THE TOOL HAS A FLIP 3-10414, THE 91538-1 AND -3 TOOL 3-10274,	LOCATOR

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_						
	_	_	_	SEE SHEET 1		
ANGLES ±						
SURFACE	APVD	DWN	DATE	REVISION RECORD	P LTR	Ρ
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APPLIC, CONTACT DESCRIP, SPECIF, ,040″ [DUAL CONTACT] SBEC 1 MM TERMINAL 114-13039 ,040″ [DUAL CONTACT] SBEC 1 MM TERMINAL 114-13039 114-13039 1 MM TERMINAL 114-13039 1 MM TERMINAL FUSE CLIP N/A ASCO Redhat N/A AMP BLADE RECEPT, 108-9201 UNIVERSAL Power contact 114-5142 2

CERTI-CRIMP II DATA SHEET 21FEB2012 MATERIAL HEAT TREAT -M. YOUNGER _ 22FEB2012 TOLERANCES UNLESS OTHERWISE SPECIFIED: MENSIONS B.A.WOLFE 22FEB2012 TE Connectivity $\bigoplus \bigcirc \bigcirc$ B.A. WOLFE 2 PLC 3 PLC NAME CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS cale size i — A1 CALE SHEET REV 3 OF 8 F18 TEXTURE -1583011 2

USED ON ____

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TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER mm [in.]	INSUL, ADJ, L	FLIP DCATOR	STRIP LENGTH mm [in,]	CRIMP HEIGHT mm [in,]	CONTACT PA Loose piece	ART NUMBERS A Strip form
-1								
1901760-1 1901760-3	0,30-0,56 [22-20]	1,5-2,4 [,059-,094]			4,0 ± 0,2 [,156 ± ,008]	0,99 ± 0,14 [,039 ± ,003]	1-170321-1	1-170291-1
1901771-1 1901771-3	0.50-0.96 [20-18] 0.12-0.38 [26-22]	1,27-2,92 [,050-,115]	YES		4,0 ± 0,4 [,156 ± ,015]	$\begin{array}{c} 0.97 \pm 0.05 \\ [.039 \pm .002] \\ 0.71 \pm 0.05 \\ [.028 \pm .002] \end{array}$	350037 350036	350019 350018
1901786-1 1901786-3	0,03-0,09 [32-28]	0.64-1.52 [.025060] 0.64-1.37 [.025054]	YES		3,96-3,18 [,156-,125]	0.53 ± 0.05 [.021 ± .002]	530901-3 104506-[]	530901-2 104506-[]
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		3,96 [,156]	$\begin{array}{c} 0.89 \pm 0.05 \\ [.035 \pm .002] \\ 1.02 \pm 0.05 \\ [.040 \pm .002] \end{array}$		867052-E]
1901829-1 1901829-3	INSULATION PIERCING SEE INSULATION DIAMETER	1.40 [.055] 1.02 [.040]	- N 🗆		USE UNSTRIPPED WIRE	$\begin{array}{c} 1.27 \pm 0.05 \\ \hline 0.050 \pm .0021 \\ \hline 1.17 \pm 0.05 \\ \hline 0.046 \pm .0021 \end{array}$	102348-2 102348-3	87107-5 87107-6
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		2,5 ± 0,5 [,098 ± ,020]	0,71-0,86 [,028-,034] 0,59-0,73 [,023-,029]	171612-[] 171611-[]	171610-[] 171609-[]
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		6.35 ± 1.60 [.250 ± .062]	$\begin{array}{c} 1.68 \pm 0.08 \\ [.066 \pm .003] \\ 1.40 \pm 0.08 \\ [.055 \pm .003] \end{array}$	SOCKET PIN 350388-1 350389-1	SOCKET PIN 61626-1 61627-1
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		4.37 ± 0.25 [.172 ± .010]	$\begin{array}{c} 0.94 \pm 0.05 \\ \hline 0.037 \pm .0021 \\ \hline 0.978 \pm 0.050 \\ \hline 0.0385 \pm .00201 \end{array}$		86497-2 86008-1
2217748-1-	0.80-0.50 [18-20] 1.40 [16]	1.7-2.7 [.067106]	YES		5.10 ± 0.40 [.200 ± .016]	$\begin{array}{c} 1.22 \pm 0.05 \\ \hline 1.048 \pm .0021 \\ \hline 1.40 \pm 0.050 \\ \hline 1.055 \pm .00201 \end{array}$	770854-1	770520-1

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

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

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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.

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				ſ				dwn M. YO снк	UNGER	21FEB2012 22FEB2012	MATERIAL — — —	HEAT TR	EAT	
					DIMENSIONS:	0 PLC 1 PLC	ERANCES UNLESS RWISE SPECIFIED: ± _ ± -	B.A.WO APVD B.A. V		22FEB2012	=71	TE C	onnec	tivity
P		SEE SHEET 1 REVISION RECORD	– DATE	 	ANGLES± - SURFACE TEXTURE	2 PLC 3 PLC 4 PLC	± - ± - ± -	NAME SCALE	size	MISCELL	p II tool data s aneous contact 3011	SHEET IS Sheet 4 ^{of}	8	^{rev} F18
	1	3					2	I	/ / / /		1			1

	CONTACT DESCRIP,	APPLIC, Specif,	
	DUAL LINK Interlock conn.	114-5045	
	MINIATURE RECTANGULAR Contact	114-1014	
	MINI TANDEM SPRING RCPT	114-25021	
	AMPMODU MTE PIN	114-25026	
	LOCKING CLIP ,025-IN, Square contact	114-25006	
	MOD IV CRIMP SNAP-IN RCPT	114-25003	
	AMP-ULTREX 2.5mm/2.54mm PITCH RECEPTACLE CONTACT	114-5077	
- 1	,140 MATE-N-LOK PIN AND SOCKET	114-1007	
	HI PRESSURE Ampmodu (inverted)	114-25010	
	AMPSEAL	114-16016	

USED ON ____

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TOOL	WIRE SIZE	INSULATION	INSUL,	FLIP	STRIP	CRIMP		^		
NUMBER	mm ² [AWG]	DIAMETER mm [in.]		LOCATOR		HEIGHT mm [in.]		ART NUMBERS A		
							LOOSE PIECE	STRIP FORM		APPLIC,
-1									CONTACT DESCRIP,	SPECIF.
1901557-1	0,50-0,56 [20] 0,75-0,89 [18]	2.20-2.60 [.087102]			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]			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	1.37-1.88 [.054074]			2,92-3,68	1.35 ± 0.05 [.053 ± .002]	66169	66144	AMP-TAB	
1976577-3	0,40-0,64 [26-22]	0,89-1,37 [,035-,054]			[.115145]	0.94 ± 0.50 [.037 ± .002]	66168	66143	CONTACTS	108-5039
2031245-1	0,50-0,90 [20-18]	1.27-1.65 [.050065]	- N 🗆		3,18-3,96	1,029 ± 0,051 [,0405 ± ,002]	167730-1	_		114-9003
2031245-3	0,20-0,40 [24-22]	0,89-1,40 [,035-,055]			[,125-,156]	0,775 ± 0,051 [,0305 ± ,002]	164715-1	_		114 - 7003
2031200-1	0.20-0.22	1.02			3.56 ± 0.39	0.84 ± 0.05	60789	60598	.058 DIA	114-1008
2031200-3	[24]	[,040]			[.140 ± .015]	$[.033 \pm .002]$	61276	61119	PC CONTACT	
	0,5-0,6 [20]	1.8-2.1				0,89-1,05 [,035-,041]				
2063834-1	0.8-0.9 [18]	[.071083]	YES	\mathbb{N}	4,00-5,00 [,157-,197]	0.89-1.08 [.035043]	179419-1 179420-1	_	,040 III UNSEALED Receptacle contact	114-5217
2063834-3	1.25-14.42 [16]	1.8-2.2 [.071087]				1.06-1.40 [.042055]	1376702-1			
2063850-1 2063850-3	0,30-0,89 [22-18]	1.1-1.8 [.043071]	YES	\mathbb{N}	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]			_	_	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 [.060090]			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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A 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.

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A -1 IS A CERT -3 IS A CER THE HAND TOU ALSO KNOWN TOOLS USE IS USE IS 408-10 USE IS 408-10

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

RTI-CRIMP II HAND TOOL ASSEMBLY, RTI-CRIMP II HEAD SUB-ASSEMBLY, JOL INSTRUCTION SHEET,			CERTI-CR	IMP II DA	ATA SHEET
AS AN "IS", FOR MOST CERTI-CRIMP II S 408-8547, IF THE TOOL HAS A FLIP L 10414, THE 91538-1 AND -3 TOOL 10274,			DIMENSIONS: mm 0 PLC ± - 1 PLC ± - 1 PLC ± -	DWN 21FEB2012 M. YOUNGER CHK 22FEB2012 B.A.WOLFE APVD 22FEB2012 B.A. WOLFE	MATERIAL
	- SEE SHEET 1 P LTR REVISION RECORD	ANGL	$\begin{array}{c c} & 2 & PLC & \pm - \\ 3 & PLC & \pm - \\ 4 & PLC & \pm - \\ \hline FACE TEXTURE & - \\ \hline \end{array}$	SCALE SIZE DRAWING NO	P II TOOL DATA SHEET ANEOUS CONTACTS 3011 Sheet of 8 F18
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T D D L NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER	INSUL, ADJ,	FLIP Locator	STRIP LENGTH mm [in,]	CRIMP HEIGHT	CONTACT PA	rt numbers 🔬		
	MM LAWGJ	mm [in.]				mm [in.]	LOOSE PIECE	STRIP FORM	CONTACT DESCRIP,	APPLIC, Specif,
2119536-1 2119536-3	0,03 [32] 0,50-0,06 [30] 0,08-0,09 [28]	0,4-0,7 [,016-,028] 0,5-0,8 [,020-,031]	YES	YES	1.0-1.2 [.0405]	$\begin{array}{c} 0.405 \pm 0.025 \\ [.0159 \pm .0010] \\ 0.419 \pm 0.025 \\ [.0165 \pm .0010] \\ 0.460 \pm 0.025 \\ [.0181 \pm .0010] \end{array}$		1734597-1	1.0 WIRE TO Board connector	114-57020
2119537-1 2119537-3	0,03 [32] 0,05-0,06 [30] 0,08-0,09 [28]	0,9-1,2 [,035-,047]	YES	YES	0,9-1,3 [,04-,05]	$\begin{array}{c} 0.485 \pm 0.025 \\ [.0190 \pm .0010] \\ 0.505 \pm 0.025 \\ [.0200 \pm .0010] \\ 0.535 \pm 0.025 \\ [.0210 \pm .0010] \end{array}$		1734193-1	1,25 WIRE TO Board connector	114-57016
2119538-1 2119538-3	0,05-0,06 [30] 0,08-0,12 [28-26] 0,20 [24]	.089-1.50 [.035059]	N	YES	1,9-2,5 [,08-,10]	$\begin{array}{c} 0.550 \pm 0.025 \\ [.022 \pm .0010] \\ 0.550 \pm 0.025 \\ [.022 \pm .0010] \\ 0.580 \pm 0.025 \\ [.023 \pm .0010] \end{array}$		1775442-1	2,0 WIRE TO Board connector	114-57011
2119539-1 - 2119539-3 -	0,05 [30] 0,08-0,14 [28-26] 0,22 [24]	,089-1,50 [.035059]	YES	YES	1,9-2,5 [,08-,10]	$\begin{array}{c} 0.545 \pm 0.025 \\ [.0215 \pm .0010] \\ 0.584 \pm 0.025 \\ [.023 \pm .0010] \\ 0.645 \pm 0.025 \\ [.0255 \pm .0010] \end{array}$		440132-1 1735801-1	2,0 WIRE TO Board connector	114-57011
1752794-1 -	0,20-0.35 [24-22] 0,50-0,56 [20]		- N 🗆	ND	3,1-3,6 [,12-,14]	0,94±0,05 [,037±,002] 1,07±0,05 [,042±,002]		42869-6	,040 PIN RECEPT	114-2083
1976156-1 -	,013 [26] 0,20-0,22 [24]	0,80-0,95 [,031-,037] ,090-1,20 [0,35-,047]	- N 🗆	YES	3.25-3.55 [.1314]	0,61 ±0,025 [,024±,001] 0,66±0,025 [,026±,001]	1-211449-1 1-211449-2 1-211449-6	1-1703930-1 1-1703930-2 1-1703930-6	NAND MQS	114-18858
1976157-1 -	0.35 [22] 0.35 [22]	1,0-1,2 [,039-,047] 1,2-1,3 [,047-,051]	- N 🗆	YES	3,25-3,55 [,13-,14]	0,82 ±0,025 [,032±,001] 0,82±0,025 [,032±,001]	1-2112449-1 1-2112449-2 1-2112449-6	1-1703930-1 1-1703930-2 1-1703930-6	NAND MQS	114-18858

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

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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.

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S DRAWING IS A CONTROLLED DOCUMENT.

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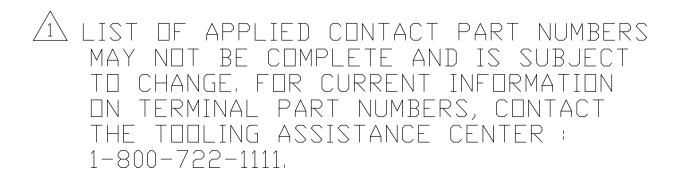
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					'				DWN		21FEB2012	MATERIAL	HE	AT TREAT	
									M. YOU	NGER				_	
						DIMENSIONS:		ERANCES UNLESS RWISE SPECIFIED:	снк B.A.WOL	ГГ	22FEB2012				
						mm			APVD		22FEB2012	-2 <i>T</i>		E Conne	ctivity
_							0 PLC 1 PLC	± ±	B.A. WC)LFE	221 602012				ourrey
						\oplus	2 PLC 3 PLC	± - + -	NAME				CUEET		
	_	SEE SHEET 1	_	_	_	ANGLES± –	4 PLC	± –	-		MISCELL	P II TOOL DATA Aneous contac	SHEET		
	LTR		DATE	DWN					SCALE	SIZE	DRAWING NO		SHEET	OF O	REV
F	LIK	REVISION RECORD	DATE	DWN	APVD	SURFACE TEXTURE			—	AI	158.	3011	6	8	F18
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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.]		ART NUMBERS		
						I.II.I FILI	LOOSE PIECE	STRIP FORM	CONTACT DESCRIP,	APPLIC, Specif,
2217655-1	0.32-0.38 [22] 0.50-0.60 [20] 0.81-0.89 [18]	1.7-2.9 [.67114]	YES	N	2,69-3,30 [,106-,130]	$\begin{array}{c} 1.00 \pm 0.05 \\ [.039 \pm .002] \\ 1.10 \pm 0.05 \\ [.043 \pm .002] \\ 1.15 \pm 0.05 \\ [.043 \pm .002] \end{array}$	1744395-1	1744144-1	ECONOMY POWER II	114-13265
2217660-1	0.50-0.60 [20] 0.81-0.89 [18] 1.25-1.42 [16]	1.7-2.9 [.67114]	YES	N	2,46-2,84 [,097-,112]	1,12 0,05 ,044 ±,002] 1,27 ± 0,05 [,050 ±,002] 1,47 ± 0,05 [,058 ±,002]	1744396-1	1744201-1	ECONOMY POWER II	114-13265
2217742-1	0,50-0,90 [20-18] 1,25-1,42 [16]	1.85-2.29 [.073090]	YES	ND	3,18-3,56 [,125-,156]	1,092±0,051 [,043±,002] 1,346±0,051 [,053±,002]	583875-3 583875-6 5-583875-6	583875-2 583875-5 5-583875-5	TWIN LEAF CONTACT	114-9004
2217754-1	0.30-1.00 [2X22-1X18] 0.30-0.60 [22-20]	2X22=3.05 MAX [.120 MAX] 1X18=1.65-2.03 [.065080]	- N 🗆	ND	3,18-3,56 [,125-,156]	1,1304±0,038 [,0445±,0015] 0,9779±0,0381 [,0385±,0015]	42840-[] 583272-[] 583989-[]	42717-[] []-583361-[] 60030-[] 58355-[] 583271-[][]-583989-[]	AMP LEAF CONTACT	114-9003
2217766-1	0.32-0.60 [22-20] 0.80-0.90 [18]	1,27-2,54 [,50-,100]	YES	ND	3,96 [,156]	1.02 ± 0.05 [.040±.002] 1.22± 0.05 [.048±.002]	87278-[]	87269-E]	LOCKING CLIP CONTACT ,031 X ,062	114-25008
2280413-1	0,85-0,87 [18] 0,51-0,53 [20] 0,34-0,37 [22]			YES 1 RECPT, 2 PIN 3 GROUND	1,60 [,063]	$\begin{array}{r} 1.15 \pm 0.05 \\ [.0153 \pm .002] \\ 1.00 \pm 0.05 \\ [.0394 \pm .002] \\ 0.85 \pm 0.05 \\ [.0335 \pm .002] \end{array}$		RECPT-2271279-[] PIN-2271283-[] GROUND-2271285-[]	MICRO MOTOR CONN.	114-5377
2217746-1	0.50-1.40 [2X20-2X18-16] 0.50-0.60 [20]	4,06 MAX [,160 MAX] 1,40-2,03 [,055-,080]	- N 🗆	N	3,56±0,38 [,140±,015]	1.384 ± 0.051 [.0545±.0020] 1.054 ± 0.038 [.0415±.0015]	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
2217743-1	0,40-1,00 [21-8/2X22] 0,10-0,40 [26-22]	3.05 MAX [.120 MAX] 1.27-1.53 [.050060]	- N []	N	3.56±0.38 [.140±.015]	1,029 ±0,038 [,0405±,0015] 0,775 ±,0038 [,0305±,0015]	42840-3 583268-[]	42717-1 583272-[] 42702-1 583990-[] 583267-[] 583991-[] 583271-[] 583989-[]	AMP LEAF CONTACT	114-9003



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2. AMP, CERTI-CRIMP & AMP-BLADE

ARÉ TRADEMARKS.

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A −1 IS A CERTI-CRIMP II HANI −3 IS A CERTI-CRIMP II HEF

4. THE HAND TOOL INSTRUCTION ALSO KNOWN AS AN "IS", FOR TOOLS USE IS 408-8547, IF USE IS 408-10414, THE 9153 USE IS 408-10274,

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ND TOOL ASSEMBLY, EAD SUB-ASSEMBLY,							
N SHEET, JR MOST CERTI-CRIMP II F THE TOOL HAS A FLIP LO 538-1 AND -3 TOOL	CATOR	P	LTR	SEE SHEET 1 REVISION RECORD	 DATE	 	DIN ANGLES ± SURFACE
5	4			3			

CERTI-CRIMP II DATA SHEET 21FEB2012 MATERIAL HEAT TREAT -M. YOUNGER _ 22FEB2012 TOLERANCES UNLESS OTHERWISE SPECIFIED: IMENSIONS: B.A.WOLFE 22FEB2012 TE Connectivity mm APVD 0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ± _ B.A. WOLFE ± -± -± -NAME CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS DRAWING NO SHEET cale size d — A1 SCALE SHEET REV 7 OF 8 F18 TEXTURE 1583011 2 1

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TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER	INSUL, ADJ, L	FLIP CATOR	STRIP LENGTH mm [in,]	CRIMP HEIGHT	CONTACT PA	rt numbers
		mm [in.]				mm [in,]	LOOSE PIECE	STRIP FORM
-3								
2217763-1	0.30-0.60 (22-20)	1,02-2,04 (,040-,080)			3.3 ± 0.4	1,067±0,038 (,042±,0015)	66010-2	66005
	0,12-0,20 (26-24)	1.02-1.53 (.040060)			(,130 ± ,015)	0,813±0,038 (,032 ±,0015)	66011-2	66009
2217748-1	0.80-0.50 [18-20] 1.40 [16]	1.7-2.7 [.067106]	YES		5.10 ± 0.40 [.200 ± .016]	$\begin{array}{c} 1.22 \pm 0.05 \\ \hline 1.048 \pm .0021 \\ \hline 1.40 \pm 0.05 \\ \hline 1.055 \pm .0021 \end{array}$	770854-1	770520-1
2217753-1	1,4-2,1 [16-14] 0,90 [18]	2,26-3,18 [,089-,125]	ND		5,08 ± 0,40 [,200 ± ,016]	$\begin{array}{c} 1.55 \pm 0.05 \\ \hline 0.061 \pm .0021 \\ 1.37 \pm 0.05 \\ \hline 0.054 \pm .0021 \end{array}$		776491-[] 638112-[]
	0,13 [26]	0,85-1,05 [,033-,041]				0.59 0.02 [.0230±.0008]		2098583-4
2844375-1	0.35 [22]	1.10-1.20 [.043047]		YES	3,25-3,55 [,128-,140]	0,67 ± 0,03 [,0264 ±,0012]		2098583-1
	0.35 [22]	1.10-1.40 [.043055]				0,68 ± 0,02 [,0268 ± ,0008]		2098583-2
2217755-1	0.15-0.24 [26-24]	1.52 MAX [.060 MAX]	YES		3,05	0.63 ± 0.05 [.025 ± .002]	794019-1	
	0.06-0.90 [30-28]				[0.120]	0.58 ± 0.05 [.025 ± .002]		
2217752-1	0.24-0.30 [24-22]	1,27-2,29 [,050-,090]	- YES		4,8-5,6	0.765±0.036 [.030 ±.0014]	61120-1 61122-1	61061 61063
	0.60-0.90 [20-18]	1.52-2.79 [.060110]			[,189-,220]	0.955 ± 0.028 [.0376 \pm .0011]	61121-1 61123-1	61062 61064
	1.00 mm2	2.10 MAX [.082]			4,0-4,4 [,157-,173]	1.12 ± 0.05 [.044 ± .002]	_	1924782-[]
2280517-1	16 AWG	2.40 MAX			3.7-4.1	1.31 ± 0.05 $[.052 \pm .002]$		1924880-E I
	1.50 mm2	[,094]			[.146161]	1,40 ± 0,05 [,055 ± ,002]		
	0.30-0.40					0,76 0,05 [,0299±,002]		1-2834067-[
2305567-1	0.8090 [18]	1.60-2.00 [.063078]		YES	2,30-2,60 [,90-,102]	1,05 ± 0,05 [,0413 ± ,002]	2834067-[] 2834068-[]	2-2834067-[1-2834068-[
	0.50-0.60 [20]					0,87 ± 0,05 [,0342 ± ,002]		2-2834068-[
2305781-1	0.15-0.30 [26-22]	0,89–1,65 [,035–3045]	YES		3,56-3,94 [,140-,155]	0.66 ± 0.05 [.026 ± .002]	350189-[] 60983-[]	61513-[] 60804-[]

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							DWN	21FEB2012	MATERIAL	HEAT TREAT	
							M. YOUNGER		-	-	
				г			СНК	22FEB2012		-	
					DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	B.A.WOLFE				
					mm		APVD	22FEB2012		TE Connecti	ivitv
						$\begin{array}{ccc} 0 & PLC & \pm \\ 1 & PLC & \pm \\ 2 & PLC & \pm \\ \end{array}$	B.A. WOLFE				
					Ψ	$\begin{array}{cccc} 2 & PLC & \pm & - \\ 3 & PLC & \pm & - \\ 4 & PLC & \pm & - \\ \end{array}$	NAME	CERTI-CRIMP	P II TOOL DATA SHEET ANEOUS CONTACTS	-	
	-	SEE SHEET 1	—		ANGLES± –		SCALE SIZE	DRAWING NO	ANEUUS CUNTACTS	т	REV
P	LTR	REVISION RECORD	DATE	DWN APVD	SURFACE TEXTURE		- $A1$			05	F18

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M	CONTACT DESCRIP,	APPLIC, Specif,
	AMP BLADE RECEPT.	108-9201
	AMPSEAL	114-16016
	HDSF SIZE 16 PIN & SOCKET	114-13045
)	0.50MM RECEPTICLE Contact	114-13287
	,062 PIN & SOCKET	114-1013
	AMP COMBO LINE Connectors	408-7305
	GET NEW GENERATION FEMALE 0,64mm Socket contacts	114-13236
	MINIATURE WATERPROOF Connector	114-137093
	PRINTED CIRCUIT BOARD DISCONNECTED RECPTACLE CONTACTS	114-1008

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Mouser Electronics

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

TE Connectivity: 91507-1