SUBSIDIARIES AND	. DTHER	(www.TF.com).
SUBSIDI	ANY ONE,	RUM TF
IS WORLDWIDE	E DISCLOSED TO	AUTHORIZATION FROM TF (www.TF.com)
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TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER	INSUL, ADJ,	FLIP LOCATOR	STRIP LENGTH	CRIMP HEIGHT	CONTAC	CT PART NUMBERS A		
tayraar OOO	mm LAWUJ	mm [in.]		ПП	mm [in.]	mm [in.]	LOOSE PIECE	STRIP FORM		
-3 -1									CONTACT DESCRIP.	APPLIC, SPECIF,
91507-1 91507-3	0.20-0.50 [24-20]	1.14-1.78 [.045070]	NO	NO	3.56 ± 0.39 [.140 ± .0155]	0,84 ± 0,05 [,033 ± ,002]	60789-[] 61276-[]	60598-[] 61119-[]	O58 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 [.050115]	YES	N	3.96 ± 0.38 [.156 ± .015]	0.71 ± 0.057 $[.028 \pm .002]$ 0.97 ± 0.057 $[.038 \pm .002]$	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]	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 531216-4 530553-3 104480-8 530553-5 1-104480 530553-7 1-104480 531224-7	8 531216-3 104480-2 9 530553-3 104480-3 0-4 530553-5 104480-4 0-5 530553-7 1-104480-2	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	N	3.56 ± 0.38 [.140 ± .015]	0.84 ± 0.05 [.033 ± .002] 0.99 ± 0.05 [.039 ± .002]	531477-3 583853 531477-5 1-5838 583853-4 583853-5	3-9 531477-1 583853-3	TWIN LEAF CONTACTS	114-9004
91537-1	0,12-0,22 [26-24]	1.02-1.42 [.040056] 1.02-1.75 [.040069]		N	3,18 ± 0,38	0,622 ± ,038 [,0245 ± ,0015	86657-2	-[] 86566-[] 86656-2 86655-2	FLEXIBLE FLAT CABLE	114-16003 114-16007
91537-3	0.30-0.35 [22]	1.02-1.42 [.040056] 1.02-1.75 [.040069]			$[.125 \pm .015]$	0,71 ± 0,05 [,028 ± ,002]	86561-[] 88067- 86571-[] 181270 86658-2 86657-2		CONNECTORS	114-16015 114-20004
91538-1 91538-3	0.05-0.56	0,76-2,16		N	5,16 ± 0,38 [,203 ± ,015]	1,09 ± 0,05 [,043 ± ,002]		NSTRUCTION SHEET 408-10274	TYPE II SCREW MACHINE CONTACT	114-10026

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USE IS 408-10414. THE 91538-1 AND -3 TOOL
USE IS 408-10274.

									DWN		21FEB2012	MATERIAL	H	HEAT TREAT	
									M. YOU	NGER		_			_
					Г		TOLE	DANICES LINILESS	СНК		22FEB2012				_
						DIMENSIONS:	OTHER	RANCES UNLESS WISE SPECIFIED:	B.A.WOL	FE					
						mm			APVD		22FEB2012	5 7	E	TE Con	nectivity
-						\triangle	0 PLC 1 PLC	± _ ± -	B.A. WO	LFE					
						$\Psi \Box$	2 PLC 3 PLC	± - ± -	NAME		CEDTI CDIME) TOOL DAT	A CHEET		
	F	8 ADDED 2305781-1	08/2017	САМ	I CAM	ANGLES± —	4 PLC	± -	4		MISCELLA	PII TOOL DAT ANEOUS CONT.	ACTS		
	-								SCALE	SIZE	DRAWING NO		SHEET		REV
	PL	TR REVISION RECORD	DATE	DWN	APVD S	SURFACE TEXTURE			-	A1	1583	3011	1	OF E	B F18
	·		7					2					1		

TOOL NUMBER	WIRE SIZE	mm2 [A)./G] DIAMETER ADJ. LOCATOR LENC						CONTACT PA	ART NUMBER				
1000 000 000	MY)MY) LAWUJ	mm [in.]			mm [in.]	mm [in.]	LOOSE	PIECE	STRIF	FORM			
-3											CONTACT DESCRIP.	APPLIC, SPECIF,	
	0.30-0.89 [22-18]	-					PIN	SOCKET 201751-[]		REEN BARREL Houlder			
	2×0.75 [2×18]	_					PIN 202725-[]	SOCKET 202726-[]	COLOR: BLUE	SHOULDER			
91539-1 91539-3	0.75-1.42 [18-16]	_	N		6,35 ± 0,38 [,250 ± ,015]		PIN 200681-[] 200336-[] 204274-[] 204219-[] 207893-[]	SDCKET 201589-[] 200333-[] 207896-[] 130743-1	COLOR: BLU BLUE S	JE BARREL HOULDER	TYPE II SCREW MACHINE CONTACT	114-10026	
	2.00-2.27 [14]	_					PIN 201645-[] 201570-[]	SOCKET 201568-[]		ILET BARREL Houlder			
91540-1	0,12-0,35 [26-22]	0,91-1,42 [,036-,056]	- YES	N	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	530553-6 531216-1 531216-3	TANDEM SPRING & - MINI-TANDEM SPRING	114-25021	
91540-3	0.03-0.09 [32-28]	0.64-1.37 [.025054]			[.140 ± .015]	0.56 ± 0.05 [.022 ± .002]	531225-3 530901-3	530901-5 530901-7	531225-6 530901-1 530901-2	530901-4 530901-6	CONTACTS		
91544-1 91544-3	0.20-0.35 [24-22] 0.50-0.56 [20]	1,58 MAX [,062] MAX	YES	N	3,96 ± 0,38 [,156 ± ,015]	0.724 ± 0.051 $[.0285 \pm .002]$ 0.876 ± 0.051 $[.0345 \pm .002]$			164153-[] 164155-[] 166046-[] 166047-[]	203801-[] 203815-[]	TYPE XI CONTACT	114-10002	
91546-1 91546-3	0.50-0.89 [20-18]	2.03-2.54 [.080100]	N	NO	4.76 ± 0.38 [.188 ± .015]	1.42 ± 0.05 [.056 ± .002]	41	667	41	650	TAPER PIN CONTACT	114-7006	
91547-1 91547-3	0.20-0.35 [24-22]	1.02-1.52 [.040060]	$N \square$	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] 2×0.2	1,02-1,78 [,040-,070] 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	AMP-BLADE RECEPTACLE CONTACT	108-9202	

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						M. YOUNGER	21FEB2012 22FEB2012	MATERIAL – – – – – – – – – – – – – – – – – – –	HEAT TREAT —	
				DIMENSIONS: mm	0 PLC	B.A.WOLFE APVD B.A. WOLFE	22FEB2012	E TE	TE Conne	ctivity
- LTR	SEE SHEET 1 REVISION RECORD	 DATE	— — DWN APVD	ANGLES± - SURFACE TEXTURE	3 PLC	NAME SCALE SIZE 1	MISCELLA DRAWING NO	P II TOOL DATA SHEI ANEOUS CONTACTS SH 3011	ET	rev F18
	3				2	/ \		1		

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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 PAR	RT NUMBERS A STRIP FORM		
-3 -1									CONTACT DESCRIP.	APPLIC. SPECIF.
91354-1	1.94-2.15 [14]	2.18-3.94 [.086155]	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
01055 1	0.32-0.38 [22]	1.50-1.75 [.059069]		N I C	4,8-5,6	1.10 ± 0.05 [.043 ± .002]		9-1437846-1	,040" [DUAL CONTACT]	114 10000
91355-1	0.81-0.96 [18]	1.70-3.00 [.067118]			[.189220]	1.45 ± 0.05 [.057 ± .002]		9-1437846-2	SBEC 1 MM TERMINAL	114-13039
91356-1	1,28-1,42 [16]	2.18-2.41 [.086095]	NO	NO	4,8-5,6 [,189-,220]	1.32 ± 0.05 [.052 ± .002]		1456004-1	1 MM TERMINAL	114-13039
01057 1	0,50-0,60 [20]	1.70-1.93 [.067076]		N I I	4,8-5,6	1.05 ± 0.05 [.041 ± .002]		1456004-2		11 / 1000
91357-1	0,81-0,96 [18]	1,90-2,25 [,075-,089]			[.189220]	1.15 ± 0.05 [.045 ± .002]		1456004-1	1 MM TERMINAL	114-13039
91599-1	0.20-0.22 [24]	0,96-1,12 [,038-,044]	N	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 [.053063]	N	NO	3,8-4,8 [,150-,189]	1.55 ± 0.13 [.061 ± .005]	ASCO PN: 280019-001		ASCO REDHAT	N/A
1804573-1	0.50-0.56×2 [20×2]	1.27-1.83 [.050072]		N I I	2,9-3,7	1.11 ± 0.05 [.043 ± .002]		C C O O 1 O	AMD DIADE DECEDE	100 001
1804573-3	0,50-0,89 [20-18]	1,73-2,29 [,065-,090]			[.115145]	0.99 ± 0.05 [.039 ± .002]	66026-2	66021-2	AMP BLADE RECEPT.	108-9201
	0.12-0.37 (26-22)	1.20-1.90 (.047075)				0.83 ± 0.04 (.033 ± .002)	175153 175155	175149 175151		
1213783-1	0,50-0,89 (20-18)	1,70-2,70 (,067-,106)	N	N	3,2 ± 0,5 (,12 ± ,02)	1.13 ± 0.05 (.044 ± .002)	175151 175157	175150 175150	UNIVERSAL POWER CONTACT	114-5142
	1.25-1.42 (16)	2,50-3,30 (,098-,130)				1.43 ± 0.05 (.056 ± .002)	175154 175156	175150 175152		

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									DWN		21FEB2012	MATERIAL	HE	AT TREAT	
									M. YOUN	NGER				_	
					ſ	DIMENSIONS:	TOLER	ANCES UNLESS	CHK		22FEB2012				
_	_	T		1		P2 P2	OTHERV	WISE SPECIFIED:	B.A.WOLI	-E					
					-	mm	0 PLC	± _	APVD		22FEB2012			E Connec	ctivity
<u> </u>							1 PLC		B.A. WO	LFE					
							2 PLC 3 PLC	± - + -	NAME		OEDTI ODIM				
		SEE SHEET 1	_	_	_	ANGLES± –	4 PLC	± -	_		MISCELLA	P II TOOL DATA S ANEOUS CONTACT	S		
						ANGLEST -			SCALE	SIZE	DRAWING NO		SHEET		REV
P	LTR	REVISION RECORD	DATE	DWN	APVD	SURFACE TEXTURE -			_	A1	1583	3011	3	⁰⁺ 8	F18
		3						2				1			

THIS DRAWING IS A CONTROLLED DOCUMEN

TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER	INSUL, ADJ,	FLIP LOCATOR	STRIP LENGTH	CRIMP HEIGHT CONTACT PART NUMBERS A		RT NUMBERS 🛕		
000	mm LAWUJ	mm [in.]			mm [in.]	mm [in.]	LOOSE PIECE	STRIP FORM		
-3 -1									CONTACT DESCRIP.	APPLIC, SPECIF,
1901760-1 1901760-3	0,30-0,56 [22-20]	1,5-2,4 [,059-,094]		\square	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	V - C	N I M	4.0 ± 0.4	0.97 ± 0.05 [.039 ± .002]	350037	350019	MINIATURE RECTANGULAR	11 / 1 01 /
1901771-3	0.12-0.38 [26-22]	[,050-,115]	YES	N	[.156 ± .015]	0.71 ± 0.05 [.028 ± .002]	350036	350018	CONTACT	114-1014
1901786-1	0.03-0.09	0.64-1.52 [.025060]	VEC	N I M	3,96-3,18	0.53 ± 0.05	530901-3	530901-2	MINI TANDEM SPRING RCPT	114-25021
1901786-3	[32-28]	0.64-1.37 [.025054]	YES	NO	[.156125]	$[.021 \pm .002]$	104506-[]	104506-[]	AMPMODU MTE PIN	114-25026
1901798-1	0,20-0,38 [24-22]	0,97-1,57 [,038-,062]	V	NI	3,96	0.89 ± 0.05 [.035 ± .002]		077050 5 3	LOCKING CLIP ,025-IN,	111 05000
1901798-3	0.5-0.6 [20]	1.27-2.54 [.050100]	YES		[.156]	1.02 ± 0.05 [.040 ± .002]		867052-[]	SQUARE CONTACT	114-25006
1901829-1	INSULATION PIERCING	1,40 [,055]		N	USE UNSTRIPPED	1.27 ± 0.05 [.050 ± .002]	102348-2	87107-5	MDD IV	114-25003
1901829-3	SEE INSULATION DIAMETER	1.02 [.040]			WIRE	1.17 ± 0.05 [.046 ± .002]	102348-3	87107-6	CRIMP SNAP-IN RCPT	114-63003
1901957-1	0.05-0.15 [30-26]	1.0-1.9 [.039075]	YES	N	2.5 ± 0.5	0.71-0.86 [.028034]	171612-[]	171610-[]	AMP-ULTREX	111 5077
1901957-3	0.12-0.35 [26-22]	0,9-1,5 [,035-,059]			$[.098 \pm .020]$	0.59-0.73 [.023029]	171611-[]	171609-[]	2.5mm/2.54mm PITCH RECEPTACLE CONTACT	114-5077
1901963-1	1.28-2.15 [16-14]	3,3-4,6 [,130-,180]	V - C	NI I	6.35 ± 1.60	1.68 ± 0.08 [.066 ± .003]	SOCKET PIN	SOCKET PIN	.140 MATE-N-LOK	11 / 1007
1901963-3	0.50-0.96 [20-18]	2.5-4.6 [.100180]	YES		$[.250 \pm .062]$	1.40 ± 0.08 [.055 ± .003]	350388-1 350389-1	61626-1 61627-1	PIN AND SOCKET	114-1007
107/150 1	0.50-1.00 [24-20]	1,80 MAX [,071 MAX]		N I M	4,37 ± 0,25	0.94 ± 0.05 [.037 ± .002]		86497-2	HI PRESSURE	114 05010
1976150-1	0.21-0.56 [32-26]	1.27 MAX [.050 MAX]	YES		[.172 ± .010]	0.978 ± 0.050 [.0385 ± .0020]		86008-1	AMPMODU (INVERTED)	114-25010
2217748-1	0.80-0.50 [18-20] 1.40 [16]	1.7-2.7 [.067106]	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

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									DWN		21FEB2012	MATERIAL		HEAT TREAT	
									M. YOUN	GER		_		_	
							TOLEDAN	ICES LINILESS	СНК		22FEB2012			_	
						DIMENSIONS:	OTHERWIS	ICES UNLESS SE SPECIFIED:	B.A.WOLF	Έ					
						mm	0 810	± _	APVD		22FEB2012		TE	TE Connec	ctivity
							1 PLC		B.A. WOL	.FE		—			
							2 PLC 3 PLC	± - ± -	NAME		CERTI-CRIMF) TOOL D/	NTA CHEET		
	_	SEE SHEET 1	_	_	_	ANGLES± -	4 PLC	± -			MISCELL	ANEOUS CON	ITACTS		
_									SCALE	SIZE	DRAWING NO		SHEE	T	REV
P	LTR	REVISION RECORD	DATE	DWN	APVD	SURFACE TEXTURE -			_	A1	1583	3011		4 ^{of} 8	F18
•	'	3		•	•			2	•	•			1		

											USED ON
011	TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER mm [in.]	INSUL, ADJ,	FLIP	STRIP R LENGTH mm [in.]	CRIMP HEIGHT mm [in.]		ART NUMBERS 1		
LED DOCUMENI. 1583	-3 -1							LOOSE PIECE	STRIP FORM	CONTACT DESCRIP.	APPLIC, SPECIF,
A CONTROL	1901557-1	0,50-0,56 [20] 0,75-0,89 [18]	2,20-2,60 [,087-,102]		$N\Box$	4.0-5.0 [.157197]	1.285 ± 0.065 $[.0505 \pm .0025]$ 1.310 ± 0.090 $[.0515 \pm .0035]$	170112 170113	170099-2 170100-2	.079 (2.0mm) DIA PIN & RECEPTACLE	114-5019
THIS DRAWING	1901557-3	1,25-1,42 [16] 2,00-2,27 [14]	2.70-3.50 [.106138]	N	N	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 1976577-3	0,80-1,24 [20-18] 0,40-0,64 [26-22]	1.37-1.88 [.054074] 0.89-1.37 [.035054]	— N 🗆	NO	2,92-3,68 [,115-,145]	1.35 ± 0.05 $[.053 \pm .002]$ 0.94 ± 0.50 $[.037 \pm .002]$	66169 66168	66144	AMP-TAB CONTACTS	108-5039
	2031245-1 2031245-3	0.50-0.90 [20-18] 0.20-0.40 [24-22]	1.27-1.65 [.050065] 0.89-1.40 [.035055]	- N 🗆	N	3.18-3.96 [.125156]	1.029 ± 0.051 $[.0405 \pm .002]$ 0.775 ± 0.051 $[.0305 \pm .002]$	167730-1 164715-1	_	AMP-LEAF	114-9003
	2031200-1 2031200-3	0.20-0.22 [24]	1.02 [.040]	N	N	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 [.071083] 1.8-2.2 [.071087]	YES	N	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 [.043071]	YES	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]	N	N	_	_	328854 328858 328855 328859 328856 328860 328857 328861	_	PRE-INSULATED SPARE WIRE CAP	_
	2063857-1	22 OR 20 OR (2)24 18 OR (2)20 OR (2)22	1.52-2.29 [.060090]	N	N	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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2. AMP, CERTI-CRIMP & AMP-BLADE ARE TRADEMARKS. -3 IS A CERTI-CRIMP II HAND TOOL ASSEMBLY.

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

SEE SHEET 1

CERTI-CRIMP II DATA SHEET

DWN 21FBB2012 MATERIAL HEAT TREAT

M. YOUNGER

CHK 22FBB2012

B.A.WOLFE

APVD 22FBB2012

B.A. WOLFE

APVD 22FBB2012

FE Connectivity

B.A. WOLFE

NAME

CERTI-CRIMP II TOOL DATA SHEET

MISCELLANEOUS CONTACTS

SURFACE TEXTURE

DATE DWN APVD SURFACE TEXTURE

DWN APVD APVD APVD

DATE DWN APVD

USED	ON		
		_	

TOL NUMBER -3 -1	WIRE SIZE mm² [AWG]	INSULATION DIAMETER mm [in.]	INSUL, ADJ,	FLIP	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PA LOOSE PIECE	RT NUMBERS 1	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 [.016028] 0.5-0.8 [.020031]	YES	YES	1.0-1.2 [.0405]	0.405 ± 0.025 $[.0159 \pm .0010]$ 0.419 ± 0.025 $[.0165 \pm .0010]$ 0.460 ± 0.025 $[.0181 \pm .0010]$	_	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 [.035047]	YES	YES	0,9-1,3 [,04-,05]	0.485 ± 0.025 $[.0190 \pm .0010]$ 0.505 ± 0.025 $[.0200 \pm .0010]$ 0.535 ± 0.025 $[.0210 \pm .0010]$		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]	0.550 ± 0.025 $[.022 \pm .0010]$ 0.550 ± 0.025 $[.022 \pm .0010]$ 0.580 ± 0.025 $[.023 \pm .0010]$		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 [,035-,059]	YES	YES	1,9-2,5 [,08-,10]	0.545 ± 0.025 [.0215 ± .0010] 0.584 ± 0.025 [.023 ± .0010] 0.645 ± 0.025 [.0255 ± .0010]		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]	_	- NO	NO	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 [.031037] .090-1.20 [0.35047]	— N 🗆	YES	3,25-3,55 [,13-,14]	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 [.039047] 1.2-1.3 [.047051]	— 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	NANO MQS	114-18858

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-3 IS A CERTI-CRIMP II HEAD SUB-ASSEMBLY,

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USE IS 408-10274.

		SEE SHEET 1				$\bigoplus \Box$	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC	CHK B.A.WO APVD B.A. W NAME		22FEB2012 22FEB2012 CERTI—CRIMF	P II TOOL DATA SHANEOUS CONTACTS	TE Conne	
P	LTR	REVISION RECORD	DATE	DWN	APVD	ANGLES± - SURFACE TEXTURE -	-	SCALE —	SIZE A 1	DRAWING NO		SHEET OF 8	F18

TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER	INSUL. ADJ.	FLIP LOCATOR	STRIP LENGTH mm [in.]	CRIMP HEIGHT	CONTACT	PART NUMBERS 🛕		
-3 -1		mm [in.]	3			mm [in.]	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		2,69-3,30 [,106-,130]	1.00 ± 0.05 [.039 ±.002] 1.10 ± 0.05 [.043 ±.002] 1.15 ± 0.05 [.043 ±.002]	1744395-1	1744144-1	ECONOMY POWER II	114-1326
2217660-1	0,50-0,60 [20] 0,81-0,89 [18] 1,25-1,42 [16]	1.7-2.9 [.67114]	YES	NO	2.46-2.84 [.097112]	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	114-1326
2217742-1 -	0,50-0,90 [20-18] 1,25-1,42 [16]	1.85-2.29 [.073090]	YES	NO	3.18-3.56 [.125156]	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	114-900
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 🗆	NO	3.18-3.56 [.125156]	1,1304±0,038 [,0445±,0015] 0,9779±0,0381 [,0385±,0015]	42840-[] 583272-[] 583989-[]	42717-[] []-583361-[] 60030-[] 58355-[] 583271-[][]-583989-[]	AMP LEAF CONTACT	114-900
2217766-1	0,32-0,60 [22-20] 0,80-0,90 [18]	1,27-2,54 [,50-,100]	YES	NO	3.96 [.156]	1.02 ± 0.05 [.040±.002] 1.22 ± 0.05 [.048±.002]	87278-[]	87269-[]	LOCKING CLIP CONTACT .031 X .062	114-2500
2280413-1 -	0.85-0.87 [18] 0.51-0.53 [20] 0.34-0.37 [22]		N	YES 1 RECPT. 2 PIN 3 GROUND	1.60 [.063]	1.15 ± 0.05 [.0153 ±.002] 1.00 ± 0.05 [.0394 ± .002] 0.85 ± 0.05 [.0335 ± .002]		RECPT-2271279-[] PIN-2271283-[] GROUND-2271285-[]	MICRO MOTOR CONN.	114-537
2217746-1	0.50-1.40 [2X20-2X18-16] 0.50-0.60 [20]	4.06 MAX [.160 MAX] 1.40-2.03 [.055080]	— 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 []-583361-[] 1-60082-3 60151-[] 66028-1 42840-1 1-66028-3 1-42840-3 1-42840-4	AMP LEAF CONTACT	114-900
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]	- NO	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	114-900

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	CERTI-	CRIMP	II	$\mathbb{D} \wedge \mathbb{T} \wedge$	SHEET
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					L				DWN		21FEB2012	MATERIAL		HEAT TREAT	
									M. YOU	NGER		_		_	
						DIMENSIONS:	TOL	ERANCES UNLESS	СНК		22FEB2012	_			
							OTHE		B.A.WOL	.FE			_		
						mm	O PLC	± _	APVD		22FEB2012			TE Connec	ctivity
							1 PLC	± –	B.A. WC)LFE					-
							2 PLC 3 PLC	± - + -	NAME		05071 000115				
		SEE SHEET 1	_	_	_	ANGLES± –	4 PLC	± - ± -			CERTI-CRIME MISCELLA	P II TOOL DATA S ANEOUS CONTACT	SHEET		
									SCALE	SIZE	DRAWING NO		SHEET	0.5	REV
P	LTR	REVISION RECORD	DATE	DWN	APVD	SURFACE TEXTURE			_	A1	1583	3011	7	^{0F} 8	F18
		7						0				4			

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

USED ON __ STRIP LENGTH \top WIRE SIZE FLIP INSUL, CRIMP INSULATION CONTACT PART NUMBERS 1 DIAMETER mm [in.] NUMBER LOCATOR mm [in.] HEIGHT ADJ. mm² [AWG] mm [in.] LOOSE PIECE STRIP FORM 000 APPLIC. CONTACT DESCRIP. SPECIF. 3 1.067 ± 0.038 0.30-0.60 1.02-2.04 66010-2 66005 (22-20) $(.042 \pm .0015)$ (.040-.080) 3.3 ± 0.4 2217763-1 \square \square AMP BLADE RECEPT. 108-9201 $(.130 \pm .015)$ 0.12-0.20 1.02-1.53 0.813 ± 0.038 66011-2 66009 (26-24) $(.032 \pm .0015)$ (.040 - .060)0.80-0.50 1.22 ± 0.05 1.7-2.7 $[.048 \pm .002]$ [18-20] 5.10 ± 0.40 2217748-1 YES $N \square$ 770854-1 770520-1 AMPSEAL 114-16016 [.067-.106] $[.200 \pm .016]$ 1.40 1.40 ± 0.05 [16] $[.055 \pm .002]$ 1.55 ± 0.05 1.4-2.1 776491-[] HDSF SIZE 16 2,26-3,18 [16-14] $[.061 \pm .002]$ 5.08 ± 0.40 2217753-1 $N\Box$ $N\Box$ 114-13045 [,089-,125] PIN & SOCKET $[.200 \pm .016]$ 638112-[] 0.90 1.37 ± 0.05 [18] $[.054 \pm .002]$ 0.85-1.05 0.13 [26] 0.59 0.02 2098583-4 [,033-,041] [.0230±.0008] 0.50MM RECEPTICLE 3,25-3,55 0,35 1.10-1.20 0.67 ± 0.03 2844375-1 2098583-1 114-13287 $N \square$ YES [.128-.140] [22] [.043-.047] [.0264 ±.0012] CONTACT 0.35 1,10-1,40 0.68 ± 0.02 2098583-2 [22] [.043-.055] [,0268 ± ,0008] 0.15-0.24 0.63 ± 0.05 .062 1.52 MAX [26-24] $[.025 \pm .002]$ 3.05 YES 2217755-1 $N \square$ 794019-1 114-1013 PIN & SOCKET [.060 MAX] [0.120]0.06-0.90 0.58 ± 0.05 [30-28] $[.025 \pm .002]$ 61061 0.24-0.30 1.27-2.29 0.765 ± 0.036 61120-1 AMP COMBO LINE [.050-.090] $[.030 \pm .0014]$ [24-22]61122-1 61063 4.8-5.6 YES 408-7305 2217752-1 $N \square$ CONNECTORS [.189-.220] 1,52-2,79 61121-1 61062 0.60-0.90 0.955 ± 0.028 [.060-.110] [20-18] $[.0376 \pm .0011]$ 61123-1 61064 4,0-4,4 2.10 MAX 1.12 ± 0.05 1924782-[] 1.00 mm2 [.157-.173] [.082] $[.044 \pm .002]$ GET NEW GENERATION 1.31 ± 0.05 FEMALE 0.64mm 2280517-1 114-13236 16 AWG $N\Box$ $N\Box$ $[.052 \pm .002]$ 3.7-4.1 2.40 MAX SOCKET CONTACTS 1924880-[] [.146-.161] [.094] 1.40 ± 0.05 1.50 mm2 $[.055 \pm .002]$ 0.76 0.05 0.30-0.40 [22] [.0299± .002] 1-2834067-[] 2,30-2,60 2834067-[] 1.05 ± 0.05 0.80-.90 2-2834067-[] MINIATURE WATERPROOF 1.60-2.00 2305567-1 114-137093 $N \square$ YES [.90-.102] [18] $[.0413 \pm .002]$ 2834068-[] [,063-,078] 1-2834068-[] CONNECTOR 0.50-0.60 0.87 ± 0.05 2-2834068-[] [20] $[.0342 \pm .002]$ PRINTED CIRCUIT BOARD
DISCONNECTED RECPTACLE 114-1008
CONTACTS 350189-[] 61513-[] 0.15-0.30 0,89-1,65 3,56-3,94 0.66 ± 0.05 2305781-1 YES $N \square$ [26-22] [.035-3045] [.140-.155] $[.026 \pm .002]$ 60804-[] 60983-[] 21FEB2012 MATERIAL M. YOUNGER TOLERANCES UNLESS OTHERWISE SPECIFIED: DIMENSIONS: B.A.WOLFE TE Connectivity

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3308-8 (1/15)

SEE SHEET 1

REVISION RECORD

1 PLC 2 PLC 3 PLC 4 PLC DATE DWN APVD SURFACE TEXTURE

STE B.A. WOLFE CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS ALE SIZE A 1 8 OF 8 F18 1583011

Mouser Electronics

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