

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 DESCRIPT.	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	0.12-0.35 [26-22] 0.50-0.89 [20-18]	1.27-2.79 [.050-.110]	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] 0.12-0.35 [26-22]	0.91-1.37 [.036-.054]	YES	NO	3.56±0.38 [.140±.015]	0.76±0.05 [.030±.002] 0.76±0.05 [.030±.002]	104505-3 530553-3 104505-5 530553-5 104505-7 530553-7 531216-2 531224-7 531216-4	104505-2 530553-3 104505-4 530553-5 104505-6 530553-7 531216-1 531224-6 531216-3	TANDEM SPRING Contacts	114-25021
91534-1 91534-3	0.12-0.22 [24-22]	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 104505-5 530553-5 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	88067-2 86566-[] 86656-2 86655-2 86567-[] 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

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

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

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DATE: 24SEP2002		Tyco Electronics Harrisburg, PA 17105-3608	
		OPERATIONAL SPECIFICATIONS:		DRW: J. GULA 24SEP2002 CHK: R. SCHALLER 24SEP2002 APP'D: R. SCHALLER 24SEP2002 NAME: R. SCHALLER		CERRI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS	
MATERIAL:		FINISH:		APPLICATION SPEC:		SIZE: A2 CASE CODE: 00779 DRAWING NO: C=1583011 WEIGHT: SCALE: 1:1 SHEET 1 OF 6 REV: F.3 CUSTOMER DRAWING	

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 DESCIP.	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-[]	TYPE II SCREW MACHINE CONTACT	114-10026		
	2x0.75 [2x18]	-					PIN 202725-[]	SOCKET 202726-[]			COLOR: GREEN BARREL BLUE SHOULDER	
	0.75-1.42 [18-16]	-					PIN 200681-[]	SOCKET 201589-[]	COLOR: BLUE BARREL BLUE SHOULDER			
	2.00-2.27 [14]	-					200336-[]	200333-[]				
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	531216-2	530553-1	530553-6	TANDEM SPRING & MINI-TANDEM SPRING CONTACTS	114-25021
	0.03-0.09 [32-28]	0.64-1.37 [.025-.054]					530553-7	531216-4	530553-2	531216-1		
91544-1 91544-3	0.20-0.35 [24-22]	158 MAX [.062] MAX	YES	NO	3.96±0.38 [.156±.015]	0.724±0.051 [.0285±.002]	164169-[]	203802-[]	164153-[]	203801-[]	TYPE XI CONTACT	114-10002
	0.50-0.56 [20]						0.876±0.051 [.0345±.002]	164170-[]	203816-[]	164155-[]		
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	41663	41278	41646	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-[]		66005-[]		AMP-BLADE RECEPTACLE CONTACT	108-9202
	2x0.2 OR 2x0.3 [2x24 OR 2x22]	2.79 [110] MAX TOTAL					531586-6	531586-3				

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THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY AMP INCORPORATED. ALL RIGHTS RESERVED.		LOC A DIST 00	REVISIONS DESCRIPTION DATE REV APPD - SEE SHEET 1 - - -
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±0.1 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.008 ANGLES /TWIST	DATE 24SEP2002 CHK GULA DR SCHAEFFER APPR R. SCHAEFFER PRODUCT SPEC APPLICATION SPEC WEIGHT CUSTOMER DRAWING
MATERIAL		FINISH	NAME Tycos Electronics Harrisburg, PA 17105-3608 CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS SIZE A2 CASE CODE 00779 DRAWING NO. ©=1583011 SCALE 1:1 SHEET 2 OF 6 REV E.3

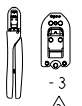
TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER mm [in.]	INSUL. ADJ.	FLIP LOCATOR	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS		CONTACT DESCRIPT.	APPLIC. SPECIF.	
							LOOSE PIECE	STRIP FORM			
91354-1	1.94-2.15 [14]	2.18-3.94 [.086-.155]	NO	NO	4.8-5.6 [.189-.220]	1.70±0.05 [.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		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]					
1901842-1	0.30-0.50 [22-20]	1.27-2.03 [.050-.080]	NO	NO	3.3±0.4 [.130±.015]	1.07±0.05 [.042±.002]		66010-2	AMP BLADE RECEPT.	108-9201	
1901842-3	0.12-0.20 [26-24]	1.02-1.52 [.040-.060]				0.81±0.05 [.032±.002]	66011-2	66009-2			

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		0 PLC ±.1 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0061 ANGLES FINISH		DESIGNED BY: GULA CHECKED BY: SCHAFFER APPROVED BY: SCHAFFER PRODUCT SPEC: 24SEP2002 APPLICATION SPEC:		NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS SIZE: A2 CASE CODE: 00779 DRAWING NO: C=1583011 CUSTOMER DRAWING SCALE: 1:1 SHEET 3 OF 6 REV F.3	

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 Δ		CONTACT DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE	STRIP FORM		
										
1901760-1 1901760-3	0.30-0.56 [22-20]	15-2.4 [.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	350019	MINIATURE RECTANGULAR CONTACT	114-1014
1901786-1 1901786-3	0.03-0.09 [32-28]	0.64-1.52 [.025-.060] 0.64-1.37 [.025-.054]	YES	NO	3.96-3.18 [.156-.125]	0.53±0.05 [.021±.002]	530901-3 104506-[]	530901-2 104506-[]	MINI TANDEM SPRING RCPT AMPMODU MTE PIN	114-25021 114-25026
1901798-1 1901798-3	0.20-0.38 [24-22] 0.5-0.6 [20]	0.97-1.57 [.038-.062] 1.27-2.54 [.050-.100]	YES	NO	3.96 [.156]	0.89±0.05 [.035±.002] 1.02±0.05 [.040±.002]	-	867052-[]	LOCKING CLIP .025-IN. SQUARE CONTACT	114-25006
1901829-1 1901829-3	INSULATION PIERCING SEE INSULATION DIAMETER	1.40 [.055] 1.02 [.040]	NO	NO	USE UNSTRIPPED WIRE	1.27±0.05 [.050±.002] 1.17±0.05 [.046±.002]	102348-2 102348-3	87107-5 87107-6	MOD IV CRIMP SNAP-IN RCPT	114-25003
1901957-1 1901957-3	0.05-0.15 [30-26] 0.12-0.35 [26-22]	1.0-1.9 [.039-.075] 0.9-1.5 [.035-.059]	YES	NO	2.5±0.5 [.098±.020]	0.71-0.86 [.028-.034] 0.59-0.73 [.023-.029]	171612-[] 171611-[]	171610-[] 171609-[]	AMP-ULTREX 2.5mm/2.54mm PITCH RECEPTACLE CONTACT	114-5077
1901963-1 1901963-3	1.28-2.15 [16-14] 0.50-0.96 [20-18]	3.3-4.6 [.130-.180] 2.5-4.6 [.100-.180]	YES	NO	6.35±1.60 [.250±.062]	1.68±0.08 [.066±.003] 1.40±0.08 [.055±.003]	SOCKET PIN 350388-1 350389-1	SOCKET PIN 61626-1 61627-1	.140 MATE-N-LOK PIN AND SOCKET	114-1007
1976150-1	0.50-1.00 [24-20] 0.21-0.56 [32-26]	1.80 MAX [.071 MAX] 1.27 MAX [.050 MAX]	YES	NO	4.37±0.25 [.172±.010]	0.94±0.05 [.037±.002] 0.978±0.050 [.0385±.0020]	-	86497-2 86008-1	HI PRESSURE AMPMODU (INVERTED)	114-25010

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DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0061 ANGLES FINISH	PRODUCT SPEC: APPLICATION SPEC: WEIGHT: CUSTOMER DRAWING	CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS SIZE: A2 CASE CODE: 00779 DRAWING NO: ©=1583011 SCALE: 1:1 SHEET 4 OF 6 REV F.3

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 DESCRIPT.	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 66168	66144 66143	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]				
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]				
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]								
	1.25-1.42 [16]	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										

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		0 PLC ±.0 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES /TWIST	APPLICATION SPEC WEIGHT CUSTOMER DRAWING	AMP Tyco Electronics Harrisburg, PA 17105-3608	CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS
MATERIAL		SIZE: A2	CAGE CODE: 00779	DRAWING NO: C=1583011	SCALE: 1:1 SHEET 5 OF 6 REV F.3

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 Δ		CONTACT DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE	STRIP FORM		
2119536-1	0.03 [32]	0.4-0.7 [.016-.028]	YES	YES	10-12 [.04-.05]	0.405±0.025 [.0159±.0010]	-	1735497-1	10 WIRE TO BOARD CONNECTOR	114-57020
2119536-3	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	0.03 [32]	0.9-1.2 [.035-.047]	YES	YES	0.9-13 [.04-.05]	0.485±0.025 [.0190±.0010]	-	1734193-1	125 WIRE TO BOARD CONNECTOR	114-57016
2119537-3	0.05-0.06 [30]					0.505±0.025 [.0200±.0010]				
	0.08-0.09 [28]					0.535±0.025 [.0210±.0010]				
2119538-1	0.05-0.06 [30]	.089-1.50 [.035-.059]	NO	YES	19-2.5 [.08-10]	0.550±0.025 [.022±.0010]	-	1775442-1	2.0 WIRE TO BOARD CONNECTOR	114-57011
2119538-3	0.08-0.12 [28-26]					0.550±0.025 [.022±.0010]				
	0.20 [24]					0.580±0.025 [.023±.0010]				
2119539-1	0.05 [30]	.089-1.50 [.035-.059]	YES	YES	19-2.5 [.08-10]	0.545±0.025 [.0215±.0010]	-	440132-1 1735801-1	2.0 WIRE TO BOARD CONNECTOR	114-57011
2119539-3	0.08-0.14 [28-26]					0.584±0.025 [.023±.0010]				
	0.22 [24]					0.645±0.025 [.0255±.0010]				

Δ 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.

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

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

<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION. ALL RIGHTS RESERVED.</small>		DWG: 24SEP2002 CHK: J. GULA APPR: R. SCHALLER PRODUCT SPEC: R. SCHALLER	AMP Tyco Electronics Harrisburg, PA 17105-3608
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.013 3 PLC ±0.0061 ANGLES .01	NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS APPLICATION SPEC: - WEIGHT: - MATERIAL: - FINISH: -	SIZE: A2 CASE CODE: 00779 DRAWING NO: 1583011 SCALE: 1:1 SHEET 6 OF 6 REV E.3