

TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER mm [in.]	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS Δ		CONTACT DESCRIPTION	APPLICATION SPECIFICATION
					LOOSE PIECE	STRIP FORM		
91507-1 91507-3	0.20-0.50 [24-20]	1.14-1.78 [.045-.070]	3.56±0.39 [.140±.0155]	0.84±0.05 [.033±.002]	60789-[] 61276-[]	60598-[] 61119-[]	.058 DIAMETER PC CONTACT	114-1008
	0.12-0.35 [26-22]	1.27-2.79 [.050-.110]	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
91526-1 91526-3	0.50-0.89 [20-18]			0.97±0.057 [.038±.002]	3.56±0.38 [.140±.015]	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
91531-1 91531-3	0.12-0.35 [26-22]	0.91-1.37 [.036-.054]	3.96±0.38 [.156±.015]	0.76±0.05 [.030±.002]		640579-[] 794001-[]	350968-[] 794000-[]	MINIATURE RECTANGULAR CONTACTS
91534-1 91534-3	0.12-0.22 [26-24]	0.64-1.27 [.025-.050]		0.84±0.05 [.033±.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
91535-1 91535-3	0.20-0.35 [24-22]	1.22-2.03 [.048-.080]	3.56±0.38 [.140±.015]	0.99±0.05 [.039±.002]	86561-[] 88067-[] 86571-[] 181270-[]	86557-[] 88067-2 86566-[]	FLEXIBLE FLAT CABLE CONNECTORS	114-16003 114-16007 114-16015 114-20004
	0.50-0.56 [20]			0.622±0.038 [.0245±.0015]	86658-2 86657-2	86656-2 86655-2		
91537-1 91537-3	0.12-0.22 [26-24]	1.02-1.42 [.040-.056]	3.18±0.38 [.125±.015]	0.71±0.05 [.028±.002]	86561-[] 88067-[] 86571-[] 181270-[]	86557-[] 88067-2 86566-[]	TYPE II SCREW MACHINE CONTACT	114-10026
	0.30-0.35 [22]	1.02-1.75 [.040-.069]			86658-2 86657-2	86656-2 86655-2		
91538-1 91538-3	0.20-0.56 [24-20]	1.02-1.57 [.040-.062]	5.16±0.38 [.203±.015]	1.09±0.05 [.043±.002]	PIN SOCKET 201582-[] 201584-[] 201647-[] 201580-[] 201578-[]	NOTE: THE COLOR BANDS ON THE CONTACTS ARE YELLOW ON THE BARREL AND RED ON THE SHOULDER.		
		1.40-2.16 [.055-.085]			PIN SOCKET 200334-[] 200331-[] 200679-[] 201328-[] 201330-[] 204188-[]			

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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THIS DRAWING IS UNPUBLISHED.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 BY AMP INCORPORATED. ALL RIGHTS RESERVED.</small>		DATE: 24SEP2002 CHN: GULA DRN: B. SCHAEFFER APPR: B. SCHAEFFER DATE: 24SEP2002	AMP Tyco Electronics Harrisburg, PA 17105-3600
DIMENSIONS: mm 	DIMENSIONS (ONLY): PLG: .015 PLG: .015 PLG: .015 PLG: .015 ANGLE: 90° FINISH:	TITLE: A2 00779 CASE CODE: 00779 DRAWING NO: 1583011 SCALE: 2:1 SHEET: 1 OF 5 REV: A	CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS
MATERIAL:		CUSTOMER DRAWING	

TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER mm [in.]	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS Δ		CONTACT DESCRIPTION	APPLICATION SPECIFICATION
					LOOSE PIECE	STRIP FORM		
91539-1 91539-3	0.30-0.89 [22-18]	-	6.35±0.38 [.250±.015]	1.60±0.05 [.063±.002]	PIN - SOCKET 201751-[]	COLOR: GREEN BARREL BLUE SHOULDER	TYPE II SCREW MACHINE CONTACT	114-10026
	2x0.75 [2x18]	-			PIN - SOCKET 202725-[] 202726-[]	COLOR: BLUE SHOULDER		
	0.75-1.42 [18-16]	-			PIN - SOCKET 200681-[] 200336-[] 201589-[] 204274-[] 200333-[] 204219-[] 207896-[] 207893-[]	COLOR: BLUE BARREL BLUE SHOULDER		
	2.00-2.27 [14]	-			PIN - SOCKET 201645-[] 201568-[]	COLOR: VIOLET BARREL BLUE SHOULDER		
91540-1 91540-3	0.12-0.35 [26-22]	0.91-1.42 [.036-.056]	3.56±0.38 [.140±.015]	0.76±0.05 [.030±.002]	530553-5 531216-2 530553-7 531216-4 531224-7	530553-1 530553-6 530553-2 531216-1 530553-4 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 530901-5 530901-3 530901-7	531225-6 530901-1 530901-2 530901-6		
91544-1 91544-3	0.20-0.35 [24-22]	1.58 MAX [.062] MAX	3.96±0.38 [.156±.015]	0.724±0.051 [.0285±.002]	164169-[] 203802-[] 164170-[] 203816-[]	164153-[] 203801-[] 164155-[] 203815-[]	TYPE XI CONTACT	114-10002
	0.50-0.56 [20]			0.876±0.051 [.0345±.002]	166296-[] 166297-[]	166046-[] 166047-[]		
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]	41667	41650	TAPER PIN CONTACT	114-7006
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 41663 41662	41278 41646 41640 66113-3	TAPER PIN CONTACT	114-7006
91555-1 91555-3	0.20-0.56 [24-20]	1.02-1.78 [.040-.070]	2.92-3.68 [.115-.145]	0.991±0.038 [.039±.0015]	66010-[] 531586-6	66005-[] 531586-3	AMP-BLADE RECEPTACLE CONTACT	108-9202
	2x0.2 OR 2x0.3 [2x24 OR 2x22]	2.79 [110] MAX TOTAL		1.067±0.038 [.042±.0015]				

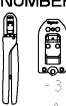

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DIMENSIONS: mm 	TOLERANCES (UNLESS OTHERWISE SPECIFIED): B PLC .01 H PLC .01 S PLC .01 ANGLE .0008	TITLE: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS DATE: 24SEP2002 CASE CODE: A2 00779 DRAWING NO: 1583011	SCALE: 2:1 SHEET: 2 OF 5 REV: A



REV. NO.	DATE	BY	APPROVED	DESCRIPTION
A	00			SEE SHEET 1

TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER mm [in.]	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS Δ		CONTACT DESCRIPTION	APPLICATION SPECIFICATION		
					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]		9-1437846-0	.040" [DUAL CONTACT] SBEC 1 MM TERMINAL	114-13039		
91355-1	0.32-0.38 [22]	1.50-1.75 [.059-.069]	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]	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]	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]	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]	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]	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]	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]	3.3±0.4 [.130±.015]	1.07±0.05 [.042±.002]	66010-2		66005-2	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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DIMENSIONS: mm		ADVANCEMENTS ONLY (SEE GENERAL SPECIFICATIONS)		DATE: 24SEP2002	BY: J. GULA	 Tyco Electronics Harrisburg, PA 17105-3600
		0 PLC RD-5 1 PLC RD-13 2 PLC RD-013 3 PLC RD-008B ANGLE: - FINISH: -		CHK: B. SCHAEFFER	APP: B. SCHAEFFER	
MATERIAL: -		FINISH: -		REV: 00	APP: B. SCHAEFFER	TITLE: A2 00779 CASE CODE: - DRAWING NO: 1583011 SCALE: 2:1 SHEET 3 OF 5 REV A

TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER mm [in.]	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS Δ		CONTACT DESCRIPTION	APPLICATION SPECIFICATION
					LOOSE PIECE	STRIP FORM		
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	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]	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]	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	114-25026
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]	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	- -	1.40 [.055] 1.02 [.040]	- -	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]	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]	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

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DIMENSIONS: mm 	ADVANCES ONLY (S) OPERATING SPEC (S) B PLC RD-5 S PLC RD-13 S PLC RD-013 S PLC RD-008 ANGLE: 90°	CONTACT SPEC: - APPLICATION SPEC: - WEIGHT: - FINISH: -	TITLE: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS CASE CODE: - DRAWING NO: - A2 00779 SCALE: 2:1 SHEET 4 OF 5 REV A

TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER mm [in.]	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS		CONTACT DESCRIPTION	APPLICATION SPECIFICATION
					LOOSE PIECE	STRIP FORM		
1901557-1	0.50-0.56 [20]	2.20-2.60 [.087-.102]	4.0-5.0 [.157-.197]	1.285±0.065 [.0505±.0025]	170112	170099-2	.079 (2.0mm) DIA PIN & RECEPTACLE	114-5019
	0.75-0.89 [18]				170113	170100-2		
1901557-3	1.25-1.42 [16]	2.70-3.50 [.106-.138]	4.5-7.0 [.177-.276]	1.645±0.050 [.0652±.0020]	170292	170279-1	.079 (2.0mm) DIA PIN & RECEPTACLE, LANCELESS	114-5039
	2.00-2.27 [14]				170293	170280-1		
1976577-1	0.80-1.24 [20-18]	1.37-1.88 [.054-.074]	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		

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DIMENSIONS: mm	DIMENSIONS (ONLY AS SHOWN IN THIS DRAWING)	PART NO: 1901557-1 APPLICATION SPEC: - WEIGHT: - FINISH: -	TITLE: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS CASE CODE: - DRAWING NO: - SCALE: 2:1 SHEET: 5 OF 5 REV: A
MATERIAL: -		WEIGHT: - FINISH: -	TITLE: A2 00779 DRAWING NO: 1583011