

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
91526-1 91526-3	0.12-0.35 [26-22] 0.50-0.89 [20-18]	1.27-2.79 [.050-.110]	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]	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 [26-24]	0.64-1.27 [.025-.050]	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	0.12-0.35 [24-22] 0.50-0.56 [20]	1.22-2.03 [.048-.080]	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 583853-4 1-583853-1 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] 1.02-1.75 [.040-.069]	3.18±0.38 [.125±.015]	0.622±0.038 [.0245±.0015] 0.71±0.05 [.028±.002]	86561-[] 88067-[] 86571-[] 181270-[] 86658-2 86657-2 86561-[] 88067-[] 86571-[] 181270-[] 86658-2 86657-2	86557-[] 88067-2 86566-[] 86656-2 86655-2 86557-[] 88067-2 86566-[] 86656-2 86655-2	FLEXIBLE FLAT CABLE CONNECTORS	114-16003 114-16007 114-16015 114-20004
91538-1 91538-3	0.20-0.56 [24-20]	1.02-1.57 [.040-.062] 1.40-2.16 [.055-.085]	5.16±0.38 [.203±.015]	1.09±0.05 [.043±.002]	PIN SOCKET 201582-[] 201584-[] 201647-[] 201580-[] 201578-[] PIN SOCKET 200334-[] 200331-[] 200679-[] 201328-[] 201330-[] 204188-[]	NOTE: THE COLOR BANDS ON THE CONTACTS ARE YELLOW ON THE BARREL AND RED ON THE SHOULDER.	TYPE II SCREW MACHINE CONTACT	114-10026

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

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

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.05 1 PLC ±.10 2 PLC ±.15 3 PLC ±.20 4 PLC ±.25 ANGLES FINISH		DWG: 24SEP2002 CHG: GULA R: SCHAEFFER APPR: R. SCHAEFFER DATE: 24SEP2002 NAME: R. SCHAEFFER	Tyco Electronics Harrisburg, PA 17105-3608 AMP CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS
MATERIAL: -		WEIGHT: -		SIZE: A2 CASE CODE: 00779 DRAWING NO: 1583011 SCALE: 2:1 SHEET: 1 OF 5 REV: C	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-[] 201589-[] 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]			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] 0.876±0.051 [.0345±.002]	164169-[] 203802-[] 164170-[] 203816-[] 166296-[] 166297-[]	164153-[] 203801-[] 164155-[] 203815-[] 166046-[] 166047-[]	TYPE XI CONTACT	114-10002
	0.50-0.56 [20]							
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] 1.067±0.038 [.042±.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						

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

<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION. ALL RIGHTS RESERVED.</small>		DWG: 24SEP2002 CHG: GULA BY: R. SCHAEFFER APPRO: R. SCHAEFFER PRODUCT SPEC: 24SEP2002	AMP Tyco Electronics Harrisburg, PA 17105-3608
DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.3 2 PLC ±.13 3 PLC ±.013 4 PLC ±.008 ANGLES FINISH	NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS APPLICATION SPEC: - WEIGHT: - MATERIAL: - FINISH: - CUSTOMER DRAWING	SIZE: A2 CASE CODE: 00779 DRAWING NO: 1583011 SCALE: 2:1 SHEET: 2 OF 5 REV: C

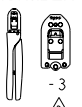
TOOL NUMBER	WIRE SIZE mm ² (AWG)	INSULATION DIAMETER mm (in.)	STRIP LENGTH mm (in.)	CRIMP HEIGHT mm (in.)	CONTACT PART NUMBERS Δ		CONTACT DESCRIPTION	APPLICATION SPECIFICATION
					LOOSE PIECE	STRIP FORM		
91354-1	194-2.15 [14]	2.18-3.94 [.086-.155]	4.8-5.6 [.189-.220]	1.70±0.05 [.067±.002]		9-1437846-0	.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	128-1.42 [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	AMP BLADE RECEPT.	108-9201
1804573-3		1.73-2.29 [.065-.090]		0.99±0.05 [.039±.002]		66021-2		
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	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		

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
<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY AMP INCORPORATED. ALL RIGHTS RESERVED.</small>		LOC A DIST 00	REVISIONS 1 - SEE SHEET 1
<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY AMP INCORPORATED. ALL RIGHTS RESERVED.</small>		DATE 24SEP2002 CHG J. GULA R. SCHAEFFER R. SCHAEFFER R. SCHAEFFER	Tyco Electronics Harrisburg, PA 17105-3608
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC .05 1 PLC .05 2 PLC .10 3 PLC .05 4 PLC .05 ANGLES .05 FINISH	PRODUCT SPEC APPLICATION SPEC WEIGHT CUSTOMER DRAWING	NAME CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS SIZE A2 CASE CODE 00779 DRAWING NO. C=1583011 SCALE 2:1 SHEET 3 OF 5 REV C

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		
 -1								
1901760-1 1901760-3	0.30-0.56 [22-20]	15-2.4 [.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]	127-2.92 [.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	114-25021 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]	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]	10-1.9 [.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 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.1 1 PLC ±0.5 2 PLC ±1.0 3 PLC ±0.013 4 PLC ±0.008 ANGLES FINISH	PRODUCT SPEC: - APPLICATION SPEC: - WEIGHT: - MATERIAL: -	NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS SIZE: A2 CASE CODE: 00779 DRAWING NO: ©1583011 SCALE: 2:1 SHEET 4 OF 5 REV C
CUSTOMER DRAWING			

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
	170113				170100-2			
1901557-3	0.75-0.89 [18]	2.70-3.50 [.106-.138]	4.5-7.0 [.177-.276]	1.310±0.090 [.0515±.0035]	170292	170279-1	.079 (2.0mm) DIA PIN & RECEPTACLE, LANCELESS	114-5039
	170293				170280-1			
1976577-1	1.25-1.42 [16]	1.37-1.88 [.054-.074]	2.92-3.68 [.115-.145]	1.645±0.050 [.0652±.0020]	66169	66144	AMP-TAB CONTACTS	108-5039
	171654				172786-1			
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]	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	0.20-0.22 [24]	1.02 [.040]	3.56±0.39 [.140±.015]	0.84±0.05 [.033±.002]	60789	60598	.058 DIA PC ONTACT	114-1008
2031200-3					61276	61119		

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DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.13 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.008 ANGLES FINISH		NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS APPLICATION SPEC: - WEIGHT: - MATERIAL: - FINISH: -	SIZE: A2 CASE CODE: 00779 DRAWING NO: ©1583011 SCALE: 2:1 SHEET 5 OF 5 REV C
CUSTOMER DRAWING			