



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

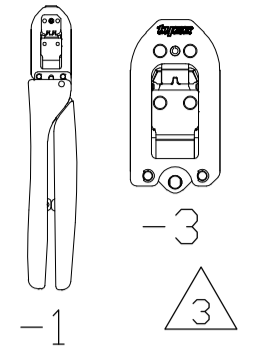
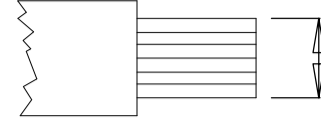
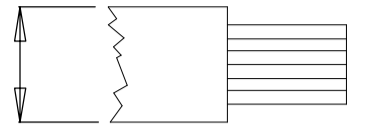
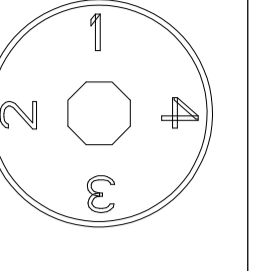
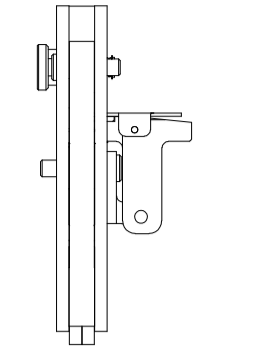
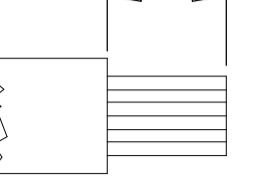

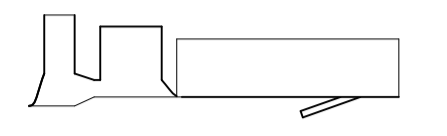
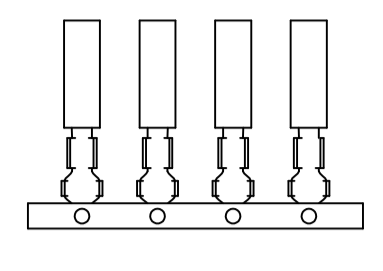
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THIS DRAWING IS A CONTROLLED DOCUMENT. FIG. NO. 1583003

TOOL NUMBER 	WIRE SIZE mm <sup>2</sup> [AWG] 	INSULATION DIAMETER mm [in.] 	INSUL. ADJ. 	FLIP LOCATOR 	STRIP LENGTH mm [in.] 	CRIMP HEIGHT mm [in.] 	CONTACT PART NUMBERS $\triangle$		CONTACT DESCRIPTION	APPLIC. SPECIF.
							LOOSE PIECE 	STRIP FORM 		
91516-1 91516-3	0.05 - 0.15 [30-26] 0.2 - 0.6 [24-20]	1.22 MAX [.048 MAX] 1.75 MAX [.069 MAX]	YES	NO	3.96 ± 0.38 [.156 ± .015] 4.34 ± 0.38 [.171 ± .015]	0.686 ± 0.051 [.027 ± .0020] 0.775 ± 0.051 [.0305 ± .0020]	86015-[ ] $\triangle$ 87045-[ ] 86016-[ ] 87309-[ ]	85967-[ ] $\triangle$ 86491-[ ] 85969-[ ] 87309-[ ]	AMPMODU MOD IV Rec. Contacts	114-25003
91517-1 91517-3	0.12 - 0.24 [26-24] 0.32 - 0.38 [22]	1.02-1.52 [.040-.060]	YES	YES	3.56 ± 0.38 [.140 ± .015]	0.76 ± 0.05 [.030 ± .002] 0.86 ± 0.05 [.034 ± .002]	87667-[ ] 102548-[ ] 87756-[ ] 103171-[ ] 102107-[ ] 166679-[ ] 102128-[ ]	87666-[ ] 102095-[ ] 166678-[ ]	AMPMODU MOD IV AND V CONTACTS	114-25016 114-25003
91518-1 91518-3	0.03 - 0.09 [32-28] 0.12 - 0.38 [26-22]	0.64-1.52 [.025-.060] 0.64-1.52 [.025-.060]	YES	YES	3.18-3.96 [.125-.156] 3.18-3.96 [.125-.156]	0.58 ± 0.05 [.023 ± .002] 0.79 ± 0.05 [.031 ± .002]	104481-6 104481-8 104481-7 104480-7 104480-9 104480-8	104481-1 104481-3 104481-2 104481-4 104480-1 104480-3 104480-2 104480-4	AMPMODU Short Point Contacts	114-25038
91533-1 91533-3	0.12 - 0.35 [26-22]	0.97-1.57 [.038-.062]	YES	YES	3.81 ± 0.13 [.150 ± .005]	0.76 ± 0.05 [.030 ± .002]	87165-[ ]	87124-[ ]	LOCKING CLIP Contacts	114-25006
91541-1 91541-3	0.03-0.06 [32-30] 0.08-0.10 [28-27]	0.51-1.02 [.020-.040]	YES	NO	2.77-4.37 [.109-.172]	0.56 ± 0.05 [.022 ± .002] 0.56 ± 0.05 [.022 ± .002]	102098-[ ] 102316-[ ] 102917-[ ] 102918-[ ] 102920-[ ] 103455-[ ]		AMPMODU MOD IV AND V CONTACTS	114-25003
91551-1 91551-3	0.20-0.56 [24-20]	0.64-1.52 [.025-.060]	YES	NO	3.18-3.96 [.125-.156]	0.74 ± 0.05 [.029 ± .002]	104479-5 104479-6 104479-7	104479-2 104479-3 104479-4	AMPMODU Short Point Contacts	114-25038
91601-1 91601-3	0.20 [24] 0.30-0.60 [22-20]	0.64-1.52 [.025-.060]	YES	NO	3.18-3.96 [.125-.156]	0.74 ± 0.05 [.029 ± .002]	104479-5 104479-6 104479-7	104479-2 104479-3 104479-4	AMPMODU Short Point Contacts	114-25038
2217081-1	0.03 - 0.09 [32-28] 0.20 - 0.56 [24-20] 0.12 - 0.14 [26]	1.02 MAX (.040 MAX) SEE 114-25003 1.22 MAX (.048 MAX)	YES	YES	4.37-2.77 [.172-.109] 4.78-3.58 [.188-.141] 4.37-2.77 [.172-.109]	0.56 ± 0.05 [.022 ± .002] 0.78 ± 0.05 [.030 ± .002] 0.69 ± 0.05 [.027 ± .002]	167021-2 166310-2		AMPMODU MOD IV AND V CONTACTS	114-25003

- $\triangle$  1 LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION, CONTACT THE TOOLING ASSISTANCE CENTER: 1-800-722-1111.
2. AMP, AMPMODU, and CERTI-CRIMP are trademarks.
- $\triangle$  3 -1 IS A CERTICRIMP II HAND TOOL ASSEMBLY. -3 IS A CERTICRIMP II HEAD SUB-ASSEMBLY.

- $\triangle$  4 PLACE WIRE IN THE BOTTOM OF THE WIRE BARREL FOR PROPER TERMINATIONS. SEE IS408-7497 FOR ADDITIONAL INFORMATION.
5. 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.

## CERTI-CRIMP II DATA SHEET

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN M. YOUNGER 21FEB2012	MATERIAL -	HEAT TREAT -
0 PLC ± .01	1 PLC ± .01	2 PLC ± .01	3 PLC ± .01	CHK B.A. WOLFE 22FEB2012	-	
4 PLC ± .01	APVD B.A. WOLFE 22FEB2012			 TE Connectivity		
NAME CERTI-CRIMP II TOOL DATA SHEET AMPMODU CONTACT FAMILY				SCALE -		
SURFACE TEXTURE $\sqrt{\quad}$				DRAWING NO. 1583003		
REVISION RECORD				SHEET 1 of 1		
DATE 03/2016				REV B4		
DWN AW				REV -		
APVD BAW				REV -		

LOC A  
DIST 00