

FOR CRIMP INSPECTION CALLOUTS
 CONTACT/TERMINAL - LEAD STYLE - CRIMP - AWG - CABLE TYPE
 SEE TABLE 1
 FOR EXAMPLE, IF INSPECTING A CRIMP OF C-179-02-X WITH 26AWG DWC, THE CALLOUT FOR INSPECTION WOULD BE "C-179-02-CRIMP-26-DWC"

TABLE 5	
CUT CABLE	DEPTH/DIMENSION
BWC-01-04-01	0.55[14MM]
BWC-01-16-01	1.34[34MM]
BWC-02-10-01	0.71[18MM]
BWC-02-32-01	1.18[30MM]
BWC-05-14-01	0.31[18MM]
UCA-01-01	0.47[12MM]
UCA-02-01	0.55[14MM]
UCA-03-01	0.63[16MM]
ECA-01-01	0.79[19MM]
ECA-02-02	0.79[19MM]
SCTP-05-02	0.83[21MM]
SCTP-08-02	1.10[28MM]
LSPC-26100-05-P5-H	1.10[28MM]
LSPC-26100-08-H	1.26[32MM]
LSPC-26100-12-H	1.57[40MM]
STCP-08-01	0.91[23MM]
SCTP-12-01	1.06[27MM]
SCTP-16-01	1.18[30MM]
SCTP-24-01	1.42[36MM]
LSPC-30100-05-P5-H	0.79[20MM]
LSPC-26100-09	1.18[30MM]
LSPC-26100-08-P5-H	1.18[30MM]
LSPC-26100-08	1.10[28MM]
LSPC-26100-12	1.26[32MM]

TABLE 4: OVERALL LENGTH SUBTRACTORS				
SERIES	"F"	"G"	"H"	
MMSSX/ MMSDX	0.250	0.500	N/A	
MMTSX/ MMTDX	0.464	N/A	0.714	
MPSS	0.300	0.600	N/A	
PMSSX/ PMSDX	0.479	0.958	N/A	
S2SDX	0.224	0.448	N/A	
SFSSX/ SFSDX	0.249	0.498	N/A	
T2SDX	0.375	0.750	0.600	
TFSSX/ TFSDX	0.400	0.800	0.675	
PESS	0.623	1.246	N/A	
S1SSX/ S1SDX	0.110	0.220	N/A	
SMSX	0.250	0.500	N/A	
MPCC	SIGNAL WIRE	0.113	0.226	N/A
	POWER WIRE	0.312	0.624	N/A

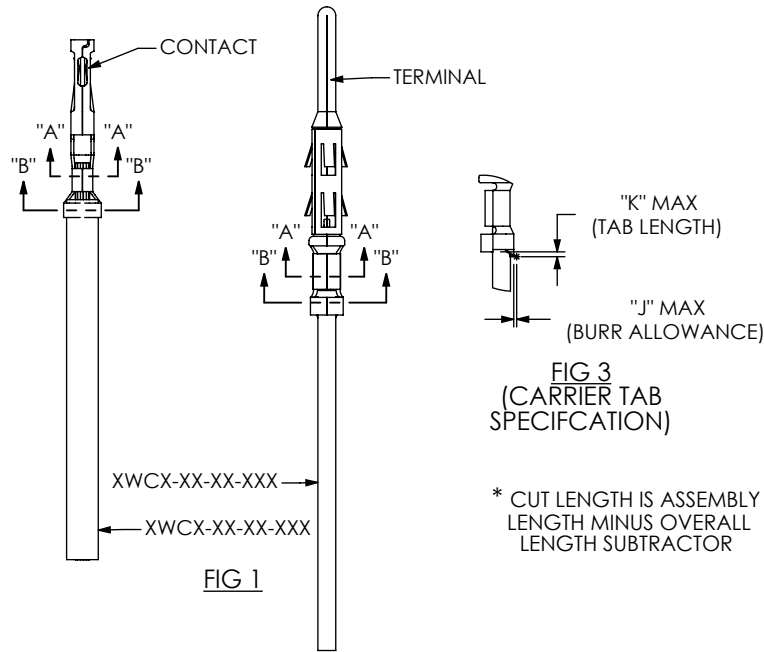


FIG 3 (CARRIER TAB SPECIFICATION)

* CUT LENGTH IS ASSEMBLY LENGTH MINUS OVERALL LENGTH SUBTRACTOR

TABLE 6 TOLERANCE	
CONTACT/TERMINAL	"C"
T-C114-2426-X	+/- .002
T-C114-2830-X	+/- .002
T-C393-2426-X	+/- .002
T-C393-2830-X	+/- .002

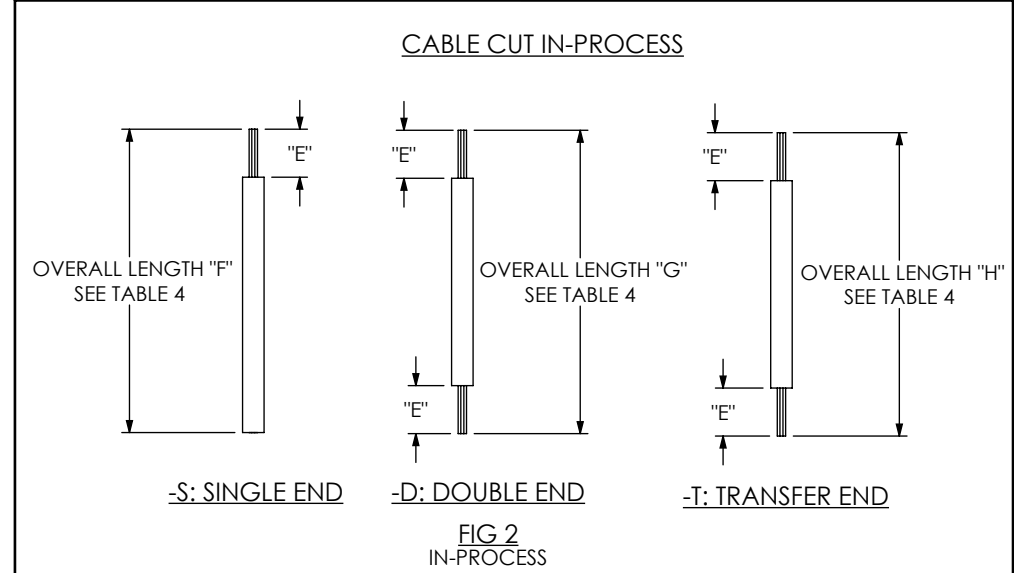


FIG 2 IN-PROCESS

- NOTES:
1. REPRESENTS A CRITICAL DIMENSION.
 2. ALL CRIMP AND STRIP DIMENSIONS SHOWN SHALL SUPERCEDE ANY EQUIVALENT SPECIFICATIONS THAT ARE SUPPLIED BY TOOLING MANUFACTURER.
 3. FOR LENGTHS LESS THAN 12 IN, TOLERANCE SHALL BE +/- .125. FOR OTHER LENGTHS, TOLERANCE SHALL BE +/- 2%.
 4. MAXIMUM BURR ALLOWANCE: .003 [.08]
 5. PULL FORCE MUST MEET REQUIRED TABLE 1 SPECIFICATION FOR WIRE GAUGE BEING USED.
 6. THE "E" TOLERANCE +/- .020 FOR C-310 AUTOMATED CUT/STRIP PROCESS.
 7. CRIMP TOLERANCE FOR "A"-MA IS +/- .001, "A"-HT IS +/- .002 AND "C" IS BLOCK TOLERANCE, UNLESS OTHERWISE NOTED IN TABLE 6.


UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01 [.3] 2° .XXX: ±.005 [.13] .XXXX: ±.0020 [.051]	PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.	 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code: 55322	
		DESCRIPTION: CRIMP/STRIP SPECIFICATIONS DWG. NO. CRIMP-SPECIFICATIONS BY: D.SCHMELZ 10-11-2010 SHEET 1 OF 5	

TABLE 1: CRIMP AND STRIP DIMENSIONS

CONTACT/ TERMINAL	AWG	CABLE	"A"		"B"		"C"		"D"		"E" (Strip Length)		"K" MAX (Tab length)		"J" MAX (Tab Burr)		PULL FORCE MIN (Lbs)
			IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	
C-169-02-XX-X	-24	DWC-24-10-300	.0360	[0.914]	.0580	[1.473]	.073	[1.85]	.075	[1.91]	.128	[3.25]	.0200	[0.508]	.0020	[0.051]	5
	-22	DWC-22-10-300	.0390	[0.991]	.0580	[1.473]	.075	[1.91]	.075	[1.91]	.128	[3.25]	.0200	[0.508]	.0020	[0.051]	8
	-20	DWC-20-10-300	.0410	[1.041]	.0580	[1.473]	.077	[1.96]	.075	[1.91]	.128	[3.25]	.0200	[0.508]	.0020	[0.051]	13
C-169-03-XX-X	-20	DWC-20-10-600	.0470	[1.194]	.0740	[1.880]	.120	[3.05]	.135	[3.43]	.115	[2.92]	.0200	[0.508]	.0020	[0.051]	13
	-18	DWC-18-10-600	.0520	[1.321]	.0740	[1.880]	.125	[3.18]	.135	[3.43]	.115	[2.92]	.0200	[0.508]	.0020	[0.051]	20
	-18	DWCT-18-01-TC	.0520	[1.321]	.0740	[1.880]	.116	[2.95]	.135	[3.43]	.115	[2.92]	.0200	[0.508]	.0020	[0.051]	20
	-16	DWC-16-10-600	.0620	[1.575]	.0740	[1.880]	.135	[3.43]	.135	[3.43]	.128	[3.25]	.0200	[0.508]	.0020	[0.051]	30
C-169-04-XX-X	-24	DWCT-24-02-TC	.0380	[0.965]	.0580	[1.473]	.054	[1.37]	.064	[1.63]	.128	[3.25]	.0200	[0.508]	.0020	[0.051]	5
C-179-02-X	-30	DWC-30-10-300	.0250	[0.635]	.0430	[1.092]	.052	[1.32]	.057	[1.45]	.133	[3.38]	.0120	[0.305]	.0020	[0.051]	1.5
	-28	DWC-28-10-300	.0260	[0.660]	.0430	[1.092]	.052	[1.32]	.057	[1.45]	.133	[3.38]	.0120	[0.305]	.0020	[0.051]	2
	-26	DWC-26-10-300	.0270	[0.686]	.0430	[1.092]	.061	[1.55]	.057	[1.45]	.133	[3.38]	.0120	[0.305]	.0020	[0.051]	3
C-179-03-X	-24	DWC-24-10-300	.0310	[0.787]	.0570	[1.448]	.075	[1.91]	.075	[1.91]	.128	[3.25]	.0120	[0.305]	.0020	[0.051]	5
	-22	DWC-22-10-300	.0340	[0.864]	.0570	[1.448]	.081	[2.06]	.075	[1.91]	.128	[3.25]	.0120	[0.305]	.0020	[0.051]	8
	-20	DWC-20-10-300	.0360	[0.914]	.0570	[1.448]	.083	[2.11]	.075	[1.91]	.128	[3.25]	.0120	[0.305]	.0020	[0.051]	13
	-20	DWCT-20-01-TC	.0360	[0.914]	.0570	[1.448]	.081	[2.06]	.076	[1.93]	.128	[3.25]	.0120	[0.305]	.0020	[0.051]	13
	-24	DWCT-24-01-TC	.0310	[0.787]	.0570	[1.448]	.070	[1.78]	.075	[1.91]	.128	[3.25]	.0120	[0.305]	.0020	[0.051]	5
	-24	BWC-02-XX-01	.0310	[0.787]	.0570	[1.448]	.075	[1.91]	.075	[1.91]	.128	[3.25]	.0120	[0.305]	.0020	[0.051]	5
C-179-04-X	-30	DWCT-30-01-TC	.0250	[0.635]	.0430	[1.092]	.047	[1.19]	.056	[1.42]	.128	[3.25]	.0120	[0.305]	.0020	[0.051]	1.5
	-28	DWCT-28-01-TC	.0260	[0.660]	.0430	[1.092]	.048	[1.22]	.056	[1.42]	.128	[3.25]	.0120	[0.305]	.0020	[0.051]	2
C-198-2024-01-X	-24	DWC-24-10-300	.0280	[0.711]	.0580	[1.473]	.072	[1.83]	.063	[1.60]	.098	[2.49]	.0120	[0.305]	.0020	[0.051]	5
	-22	DWC-22-10-300	.0310	[0.787]	.0580	[1.473]	.072	[1.83]	.066	[1.68]	.098	[2.49]	.0120	[0.305]	.0020	[0.051]	8
	-20	DWC-20-10-300	.0360	[0.914]	.0580	[1.473]	.082	[2.08]	.066	[1.68]	.098	[2.49]	.0120	[0.305]	.0020	[0.051]	13
T-1R31-2024-01-XX	-24	DWC-24-10-300	.0280	[0.711]	.0580	[1.473]	.072	[1.83]	.063	[1.60]	.098	[2.49]	.0120	[0.305]	.0020	[0.051]	5
		BWC-02-XX-01	.0280	[0.711]	.0580	[1.473]	.067	[1.70]	.063	[1.60]	.098	[2.49]	.0120	[0.305]	.0020	[0.051]	5
	-22	DWC-22-10-300	.0300	[0.762]	.0580	[1.473]	.072	[1.83]	.066	[1.68]	.098	[2.49]	.0120	[0.305]	.0020	[0.051]	8
	-20	DWC-20-10-300	.0360	[0.914]	.0580	[1.473]	.082	[2.08]	.066	[1.68]	.098	[2.49]	.0120	[0.305]	.0020	[0.051]	13
C-198-2628-01-X	-28	DWC-28-10-300	.0250	[0.635]	.0480	[1.219]	.055	[1.40]	.054	[1.37]	.098	[2.49]	.0120	[0.305]	.0020	[0.051]	2
	-26	DWC-26-10-300	.0250	[0.635]	.0480	[1.219]	.060	[1.52]	.062	[1.57]	.098	[2.49]	.0120	[0.305]	.0020	[0.051]	3
T-1R31-2428-01-XX	-28	DWC-28-10-300	.0250	[0.635]	.0480	[1.219]	.055	[1.40]	.054	[1.37]	.098	[2.49]	.0120	[0.305]	.0020	[0.051]	2
	-26	DWC-26-10-300	.0260	[0.660]	.0480	[1.219]	.060	[1.52]	.062	[1.57]	.098	[2.49]	.0120	[0.305]	.0020	[0.051]	3
C203-2830-XX	-30	DWCT-30-01-TC	.0170	[0.432]	.0300	[0.762]	.037	[0.94]	.039	[0.99]	.105	[2.67]	.0075	[0.191]	.0010	[0.025]	1.5
	-30	DWC-30-10-300	.0170	[0.432]	.0300	[0.762]	.045	[1.14]	.038	[0.97]	.105	[2.67]	.0075	[0.191]	.0010	[0.025]	1.5
	-28	DWC-28-10-300	.0180	[0.457]	.0300	[0.762]	.045	[1.14]	.038	[0.97]	.105	[2.67]	.0075	[0.191]	.0010	[0.025]	2
	-28	DWCT-28-01-TC	.0180	[0.457]	.0300	[0.762]	.037	[0.94]	.039	[0.99]	.105	[2.67]	.0075	[0.191]	.0010	[0.025]	2
	-28	BWC-05-XX-01	.0180	[0.457]	.0300	[0.762]	.045	[1.14]	.038	[0.97]	.095	[2.41]	.0075	[0.191]	.0010	[0.025]	2
C-246-01-X	-16	DWC-16-10-600	.0680	[1.727]	.1100	[2.794]	.145	[3.68]	.160	[4.06]	.197	[5.00]	.0300	[0.762]	.0030	[0.076]	30
	-14	DWC-14-10-600	.0750	[1.905]	.1100	[2.794]	.160	[4.06]	.160	[4.06]	.197	[5.00]	.0300	[0.762]	.0030	[0.076]	50

PROPRIETARY NOTE
 THIS DOCUMENT CONTAINS INFORMATION
 CONFIDENTIAL AND PROPRIETARY TO
 SAMTEC, INC. AND SHALL NOT BE REPRODUCED
 OR TRANSFERRED TO OTHER DOCUMENTS OR
 DISCLOSED TO OTHERS OR USED FOR ANY
 PURPOSE OTHER THAN THAT WHICH IT WAS
 OBTAINED WITHOUT THE EXPRESSED WRITTEN
 CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 1:75:1



520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
 CRIMP/STRIP SPECIFICATIONS

DWG. NO.
 CRIMP-SPECIFICATIONS

BY: D.SCHMELZ 10-11-2010 SHEET 2 OF 5

TABLE 1: CRIMP AND STRIP DIMENSIONS (CONTINUED)

CONTACT/TERMINAL (Tab Burr)	AWG	CABLE	"A"		"B"		"C"		"D"		"E" (STRIP LENGTH)		"K" MAX (Tab length)		"J" MAX (Tab Burr)		PULL FORCE MIN (Lbs)
			IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	
C-281-2830-XX	-30	DWC-30-XX-300	.0170	[0.432]	.0330	[0.838]	.035	[0.89]	.042	[1.07]	.125	[3.18]	.0075	[0.191]	.0010	[0.025]	1.5
	-30	DWCT-30-01-TC	.0170	[0.432]	.0330	[0.838]	.035	[0.89]	.042	[1.07]	.125	[3.18]	.0075	[0.191]	.0010	[0.025]	1.5
	-28	DWC-28-XX-300	.0180	[0.457]	.0330	[0.838]	.040	[1.02]	.042	[1.07]	.125	[3.18]	.0075	[0.191]	.0010	[0.025]	2
	-28	DWCT-28-01-TC	.0180	[0.457]	.0330	[0.838]	.040	[1.02]	.042	[1.07]	.125	[3.18]	.0075	[0.191]	.0010	[0.025]	2
C-281-2426-XX	-26	DWC-26-XX-300	.0230	[0.584]	.0350	[0.889]	.057	[1.45]	.055	[1.40]	.125	[3.18]	.0075	[0.191]	.0010	[0.025]	3
	-24	DWCT-24-01-TC	.0280	[0.711]	.0350	[0.889]	.055	[1.40]	.055	[1.40]	.125	[3.18]	.0075	[0.191]	.0010	[0.025]	5
	-24	AS DWC-24-XX-300/BWC-08-10-01	.0280	[0.711]	.0350	[0.889]	.066	[1.68]	.055	[1.40]	.125	[3.18]	.0075	[0.191]	.0010	[0.025]	5
CC20X-2024-01-XX	-22	DWC-22-10-300	.0310	[0.787]	.0580	[1.473]	.073	[1.85]	.066	[1.68]	.058	[1.47]	.0075	[0.191]	.0010	[0.025]	8
	-24	DWC-24-10-300	.0280	[0.711]	.0580	[1.473]	.071	[1.80]	.064	[1.63]	.098	[2.49]	.0075	[0.191]	.0010	[0.025]	5
CC62-1618-01-XX	-18	DWC-18-10-300	.0550	[1.397]	.0900	[2.286]	.160	[4.06]	.160	[4.06]	.148	[3.76]	.0250	[0.635]	.0030	[0.076]	20
	-16	DWC-16-10-300	.0560	[1.422]	.0950	[2.413]	.113	[2.87]	.118	[3.00]	.128	[3.25]	.0250	[0.635]	.0030	[0.076]	30
CT62-1618-01-XX	-18	DWC-18-10-300	.0550	[1.397]	.0900	[2.286]	.160	[4.06]	.160	[4.06]	.148	[3.76]	.0250	[0.635]	.0030	[0.076]	20
	-16	DWC-16-10-300	.0540	[1.372]	.0950	[2.413]	.113	[2.87]	.118	[3.00]	.128	[3.25]	.0250	[0.635]	.0030	[0.076]	30
CC62-2024-01-XX	-22	DWC-22-10-300/BWC-01-04-01/BWC-01-16-01	.0380	[0.965]	.0660	[1.676]	.072	[1.83]	.087	[2.21]	.148	[3.76]	.0250	[0.635]	.0030	[0.076]	8
CT62-2024-01-XX	-22	DWC-22-10-300/BWC-01-04-01/BWC-01-16-01	.0380	[0.965]	.0660	[1.676]	.072	[1.83]	.087	[2.21]	.148	[3.76]	.0250	[0.635]	.0030	[0.076]	8
C-198-2024-01-X	-24	BWC-02-XX-01	.0280	[0.711]	.0580	[1.473]	.055	[1.40]	.063	[1.60]	.128	[3.25]	.0120	[0.305]	.0020	[0.051]	5
C-310-1012-X	-10	DWC-10-10-600	.1130	[2.870]	.1360	[3.454]	.205	[5.21]	.225	[5.72]	**230	[5.84]	.0400	[1.016]	.0030	[0.076]	80
	-12	DWC-12-10-600	.1030	[2.616]	.1360	[3.454]	.198	[5.03]	.225	[5.72]	**230	[5.84]	.0400	[1.016]	.0030	[0.076]	70
C-309-01-XX	-28	DWCT-28-01-TC	.0165	[0.419]	.0277	[0.704]	.039	[0.98]	.032	[0.80]	.055	[1.40]	.0060	[0.152]	.0010	[0.025]	2
	-28	DWC-28-XX-300	.0170	[0.432]	.0277	[0.704]	.039	[0.98]	.032	[0.80]	.055	[1.40]	.0060	[0.152]	.0010	[0.025]	2
	-30	DWC-30-XX-300	.0160	[0.406]	.0277	[0.704]	.039	[0.98]	.032	[0.80]	.055	[1.40]	.0060	[0.152]	.0010	[0.025]	1.5
	-30	DWCT-30-01-TC	.0160	[0.406]	.0277	[0.704]	.039	[0.98]	.032	[0.80]	.055	[1.40]	.0060	[0.152]	.0010	[0.025]	1.5
C-383-2426-X	-24	DWC-24-100-300	.0280	[0.711]	.0450	[1.143]	.065	[1.65]	.070	[1.78]	.115	[2.92]	.0120	[0.305]	.0020	[0.051]	5
	-24	DWCT-24-01-TC	.0280	[0.711]	.0450	[1.143]	.058	[1.47]	.070	[1.78]	.115	[2.92]	.0120	[0.305]	.0020	[0.051]	5
	-26	DWC-26-100-300	.0270	[0.686]	.0450	[1.143]	.055	[1.40]	.070	[1.78]	.115	[2.92]	.0120	[0.305]	.0020	[0.051]	3
T-1M44-2830-XX	-30	DWC-30-10-300	.0170	[0.432]	.0300	[0.762]	.045	[1.14]	.038	[0.97]	.105	[2.67]	.0075	[0.191]	.0010	[0.025]	1.5
	-30	DWCT-30-01-TC	.0170	[0.432]	.0300	[0.762]	.039	[0.99]	.042	[1.07]	.105	[2.67]	.0075	[0.191]	.0010	[0.025]	1.5
	-28	BWC-05-14-01	.0200	[0.508]	.0300	[0.762]	.045	[1.14]	.038	[0.97]	.095	[2.41]	.0075	[0.191]	.0010	[0.025]	2
	-28	DWC-28-10-300	.0180	[0.457]	.0300	[0.762]	.045	[1.14]	.038	[0.97]	.105	[2.67]	.0075	[0.191]	.0010	[0.025]	2
	-28	DWCT-28-01-TC	.0180	[0.457]	.0300	[0.762]	.039	[0.99]	.044	[1.12]	.105	[2.67]	.0075	[0.191]	.0010	[0.025]	2
T-1M74-01-X	-30	DWC-30-10-300	.0200	[0.508]	.0330	[0.838]	.045	[1.14]	.057	[1.45]	.128	[3.25]	.0090	[0.229]	.0010	[0.025]	1.5
	-28	DWC-28-10-300	.0210	[0.533]	.0330	[0.838]	.050	[1.27]	.057	[1.45]	.128	[3.25]	.0090	[0.229]	.0010	[0.025]	2
	-26	DWC-26-10-300	.0230	[0.584]	.0330	[0.838]	.055	[1.40]	.057	[1.45]	.128	[3.25]	.0090	[0.229]	.0010	[0.025]	3

** SEE NOTE 6


<p>PROPRIETARY NOTE</p> <p>THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.</p> <p>DO NOT SCALE DRAWING</p> <p>SHEET SCALE: 1:75:1</p>		
	<p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code: 55322</p>	
	<p>DESCRIPTION: CRIMP/STRIP SPECIFICATIONS</p>	
	<p>DWG. NO. CRIMP-SPECIFICATIONS</p>	
<p>BY: D.SCHMELZ 10-11-2010</p>		<p>SHEET 3 OF 5</p>

TABLE 1: CRIMP AND STRIP DIMENSIONS (CONTINUED)

CONTACT/TERMINAL (Tab Burr)	AWG	CABLE	"A"		"B"		"C"		"D"		"E" (STRIP LENGTH)		"K" MAX (Tab length)		"J" MAX (Tab Burr)		PULL FORCE MIN (Lbs)
			IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	
T1M74-02-X	-24	DWCT-24-01-TC	.0270	[0.686]	.0430	[1.092]	.070	[1.78]	.070	[1.78]	.128	[3.25]	.0090	[0.229]	.0010	[0.025]	5
	-24	DWC-24-10-300	.0270	[0.686]	.0430	[1.092]	.075	[1.91]	.075	[1.91]	.128	[3.25]	.0090	[0.229]	.0010	[0.025]	5
	-22	DWC-22-10-300	.0310	[0.787]	.0430	[1.092]	.079	[2.01]	.075	[1.91]	.128	[3.25]	.0090	[0.229]	.0010	[0.025]	8
	-20	DWC-20-10-300	.0380	[0.965]	.0430	[1.092]	.083	[2.11]	.075	[1.91]	.128	[3.25]	.0090	[0.229]	.0010	[0.025]	13
	-20	DWCT-20-01-TC	.0380	[0.965]	.0430	[1.092]	.076	[1.93]	.075	[1.91]	.128	[3.25]	.0090	[0.229]	.0010	[0.025]	13
T1M74-03-X	-30	DWCT-30-01-TC	.0200	[0.508]	.0330	[0.838]	.042	[1.07]	.046	[1.17]	.128	[3.25]	.0090	[0.229]	.0010	[0.025]	1.5
	-28	DWCT-28-01-TC	.0220	[0.559]	.0330	[0.838]	.045	[1.14]	.046	[1.17]	.128	[3.25]	.0090	[0.229]	.0010	[0.025]	2
T-1M82-2830-XX	-30	DWC-30-XX-300	.0170	[0.432]	.0330	[0.838]	.035	[0.89]	.042	[1.07]	.125	[3.18]	.0075	[0.191]	.0010	[0.025]	1.5
	-30	DWCT-30-01-TC	.0170	[0.432]	.0330	[0.838]	.035	[0.89]	.042	[1.07]	.125	[3.18]	.0075	[0.191]	.0010	[0.025]	1.5
	-28	DWCT-28-01-TC	.0180	[0.457]	.0330	[0.838]	.040	[1.02]	.042	[1.07]	.125	[3.18]	.0075	[0.191]	.0010	[0.025]	2
	-28	DWC-28-XX-300	.0180	[0.457]	.0330	[0.838]	.040	[1.02]	.042	[1.07]	.125	[3.18]	.0075	[0.191]	.0010	[0.025]	2
T-1M82-2426-XX	-26	DWC-26-XX-300	.0230	[0.584]	.0330	[0.838]	.057	[1.45]	.055	[1.40]	.125	[3.18]	.0075	[0.191]	.0010	[0.025]	3
	-24	DWCT-24-01-TC	.0280	[0.711]	.0330	[0.838]	.055	[1.40]	.055	[1.40]	.125	[3.18]	.0075	[0.191]	.0010	[0.025]	5
	-24	AS DWCT-24-XX-300/BWC-08-10-01	.0280	[0.711]	.0330	[0.838]	.066	[1.68]	.055	[1.40]	.125	[3.18]	.0075	[0.191]	.0010	[0.025]	5
C-394-2020-X	-20	DWC-20-10-300	.0380	[0.965]	.0550	[1.397]	.076	[1.93]	.071	[1.80]	.140	[3.56]	.0120	[0.305]	.0020	[0.051]	13
T-C114-2426-X	-24	BWC-MCP-24-12-02	.0240	[0.610]	.0380	[0.965]	.0380	[0.965]	.039	[0.99]	.075	[1.91]	.0075	[0.191]	.0010	[0.025]	5
	-24	DWC-24L-XX-300	.0240	[0.610]	.0380	[0.965]	.0380	[0.965]	.039	[0.99]	.075	[1.91]	.0075	[0.191]	.0010	[0.025]	5
	-24	DWCT-24-01-TC	.0240	[0.610]	.0380	[0.965]	.0380	[0.965]	.039	[0.99]	.075	[1.91]	.0075	[0.191]	.0010	[0.025]	5
	-26	DWCT-26-01-TC	.0220	[0.559]	.0380	[0.965]	.0380	[0.965]	.039	[0.99]	.075	[1.91]	.0075	[0.191]	.0010	[0.025]	3
T-C114-2830-X	-28	BWC-MCP-28-12-02	.0180	[0.457]	.0320	[0.813]	.0380	[0.965]	.039	[0.99]	.075	[1.91]	.0075	[0.191]	.0030	[0.076]	2
	-28	DWC-28-XX-300	.0180	[0.457]	.0320	[0.813]	.0380	[0.965]	.039	[0.99]	.075	[1.91]	.0075	[0.191]	.0030	[0.076]	2
	-30	DWC-30-XX-300	.0160	[0.406]	.0320	[0.813]	.0380	[0.965]	.039	[0.99]	.075	[1.91]	.0075	[0.191]	.0030	[0.076]	1.5
C-C393-2426-X	-24	BWC-MCP-24-12-02	.0240	[0.610]	.0380	[0.965]	.0380	[0.965]	.039	[0.99]	.075	[1.91]	.0075	[0.191]	.0010	[0.025]	5
	-24	DWC-24L-XX-300	.0240	[0.610]	.0380	[0.965]	.0380	[0.965]	.039	[0.99]	.075	[1.91]	.0075	[0.191]	.0010	[0.025]	5
	-24	DWCT-24-01-TC	.0240	[0.610]	.0380	[0.965]	.0380	[0.965]	.039	[0.99]	.075	[1.91]	.0075	[0.191]	.0010	[0.025]	5
	-26	DWCT-26-01-TC	.0220	[0.559]	.0380	[0.965]	.0380	[0.965]	.039	[0.99]	.075	[1.91]	.0075	[0.191]	.0010	[0.025]	3.0
C-C393-2830-X	-28	BWC-MCP-28-12-02	.0180	[0.457]	.0320	[0.813]	.0380	[0.965]	.039	[0.99]	.075	[1.91]	.0075	[0.191]	.0030	[0.076]	2
	-28	DWC-28-XX-300	.0180	[0.457]	.0320	[0.813]	.0380	[0.965]	.039	[0.99]	.075	[1.91]	.0075	[0.191]	.0030	[0.076]	2
	-30	DWC-30-XX-300	.0160	[0.406]	.0320	[0.813]	.0380	[0.965]	.039	[0.99]	.075	[1.91]	.0075	[0.191]	.0030	[0.076]	1.5
C-C396-3234-X	-32	DWCT-32-01-TC	.0120	[0.305]	.0210	[0.533]	.0280	[0.711]	.023	[0.58]	.060	[1.52]	.0030	[0.076]	.0030	[0.076]	1.5

PROPRIETARY NOTE
 THIS DOCUMENT CONTAINS INFORMATION
 CONFIDENTIAL AND PROPRIETARY TO
 SAMTEC, INC. AND SHALL NOT BE REPRODUCED
 OR TRANSFERRED TO OTHER DOCUMENTS OR
 DISCLOSED TO OTHERS OR USED FOR ANY
 PURPOSE OTHER THAN THAT WHICH IT WAS
 OBTAINED WITHOUT THE EXPRESSED WRITTEN
 CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 1:75:1



520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
 CRIMP/STRIP SPECIFICATIONS

DWG. NO.
CRIMP-SPECIFICATIONS


BY: D.SCHMELZ 10-11-2010 SHEET 4 OF 5

TABLE 2

CONTACT	AWG WIRE	HAND TOOLING	AUTO TOOLING			EXTRACTION AND REPAIR TOOLING	
			CAT 3000 & AMP G	AMP T and AUTO	AMP K	CONTACT EXTRACTION TOOL	INSERTION TOOL
C310	10~12	AS CAT-HT-310-1012-14	CAT-MA-310-1012-FR-02	CAT-MA-310-1012-FS-02	CAT-MA-310-1012-TR-02	N/A	CAT-IN-PRESS
CC69 and C169	16~20	CAT-HT-169-1620-11	CAT-MA-169-1620-FR-02	CAT-MA-169-1620-FS-02	CAT-MA-169-1620-TR-02	CAT-EX-169-01	N/A
	20~24	CAT-HT-169-2024-11	CAT-MA-169-2024-FR-01	CAT-MA-169-2024-FS-01	CAT-MA-169-2024-TR-01	CAT-EX-169-01	N/A
	24-26	N/A	CAT-MA-169-2424-FR-03	CAT-MA-169-2424-FS-03	CAT-MA-169-2424-TR-03	CAT-EX-169-01	N/A
CC79 and C179	20~24	CAT-HT-179-2030-13	CAT-MA-179-2024-FR-01	CAT-MA-179-2024-FS-01	CAT-MA-179-2024-TR-01	CAT-EX-179-01	N/A
	26~30	CAT-HT-179-2030-13	CAT-MA-179-2630-FR-01	CAT-MA-179-2630-FS-01	CAT-MA-179-2630-TR-01	CAT-EX-179-01	N/A
	28-30	N/A	CAT-MA-179-2830-FR-03	CAT-MA-179-2830-FS-03	CAT-MA-179-2830-TR-03	CAT-EX-179-01	N/A
CC20 and C198	20~24	N/A	CAT-MA-198-2024-FR-01	CAT-MA-198-2024-FS-01	CAT-MA-198-2024-TR-01	N/A	N/A
	26~28	N/A	CAT-MA-198-2628-FR-01	CAT-MA-198-2628-FS-01	CAT-MA-198-2628-TR-01	N/A	N/A
CT20 and T1R31	20~24	N/A	CAT-MA-198-2024-FR-01	CAT-MA-198-2024-FS-01	CAT-MA-198-2024-TR-01	N/A	N/A
	26~28	N/A	CAT-MA-198-2628-FR-01	CAT-MA-198-2628-FS-01	CAT-MA-198-2628-TR-01	N/A	N/A
CC62 and C194	16~18	N/A	CAT-MA-062-1618-FR-01	CAT-MA-062-1618-FS-01	CAT-MA-062-1618-TR-01	CAT-EX-062-01	N/A
	20~24	N/A	CAT-MA-062-2024-FR-01	CAT-MA-062-2024-FS-01	CAT-MA-062-2024-TR-01	CAT-EX-062-01	N/A
	20~24	N/A	CAT-MA-062-2024-FR-02	CAT-MA-062-2024-FS-02	CAT-MA-062-2024-TR-02	CAT-EX-062-01	N/A
	26~30	N/A	CAT-MA-062-2630-FR-01	CAT-MA-062-2630-FS-01	CAT-MA-062-2630-TR-01	CAT-EX-062-01	N/A
	26~30	N/A	CAT-MA-062-2630-FR-02	CAT-MA-062-2630-FS-02	CAT-MA-062-2630-TR-02	CAT-EX-062-01	N/A
CT62 and T1R29	16~18	N/A	CAT-MA-062-1618-FR-01	CAT-MA-062-1618-FS-01	CAT-MA-062-1618-TR-01	CAT-EX-062-01	N/A
	20~24	N/A	CAT-MA-062-2024-FR-01	CAT-MA-062-2024-FS-01	CAT-MA-062-2024-TR-01	CAT-EX-062-01	N/A
	20~24	N/A	CAT-MA-062-2024-FR-02	CAT-MA-062-2024-FS-02	CAT-MA-062-2024-TR-02	CAT-EX-062-01	N/A
	26~30	N/A	CAT-MA-062-2630-FR-01	CAT-MA-062-2630-FS-01	CAT-MA-062-2630-TR-01	CAT-EX-062-01	N/A
	26~30	N/A	CAT-MA-062-2630-FR-02	CAT-MA-062-2630-FS-02	CAT-MA-062-2630-TR-02	CAT-EX-062-01	N/A
CT03 and T1M44	28~30	CAT-HT-203-2832-11	CAT-MA-144-2830-FR-01	CAT-MA-144-2830-FS-01	CAT-MA-144-2830-TR-01	CAT-EX-169-01	N/A
CC03 and C203	28~30	CAT-HT-203-2830-12	CAT-MA-203-2830-FR-01	CAT-MA-203-2830-FS-01	CAT-MA-203-2830-TR-01	CAT-EX-169-01	N/A
CC46 and C246	14~16	CAT-HT-246-1416-11	CAT-MA-246-1416-FR-02	CAT-MA-246-1416-FS-02	CAT-MA-246-1416-TR-02	CAT-EX-MPSS-01	N/A
C281	24~26	CAT-HT-281-2430-11	CAT-MA-281-2426-FR-01	CAT-MA-281-2426-FS-01	CAT-MA-281-2426-TR-01	CAT-EX-169-01	N/A
	28~30	CAT-HT-281-2430-11	CAT-MA-281-2830-FR-01	CAT-MA-281-2830-FS-01	CAT-MA-281-2830-TR-01	CAT-EX-169-01	N/A
T1M74	20~24	CAT-HT-174-2024-11	CAT-MA-174-2024-FR-01	CAT-MA-174-2024-FS-01	CAT-MA-174-2024-TR-01	CAT-EX-74-01	N/A
	26~30	CAT-HT-174-2630-11	CAT-MA-174-2630-FR-01	CAT-MA-174-2630-FS-01	CAT-MA-174-2630-TR-01		N/A
	28~30	N/A	CAT-MA-174-2830-FR-03	CAT-MA-174-2830-FS-03	CAT-MA-174-2830-TR-03		N/A
T-1M82	24~26	CAT-HT-182-2430-11	CAT-MA-182-2426-FR-01	CAT-MA-182-2426-FS-01	CAT-MA-182-2426-TR-01	CAT-EX-169-01	N/A
	28~30	CAT-HT-182-2430-11	CAT-MA-182-2830-FR-01	CAT-MA-182-2830-FS-01	CAT-MA-182-2830-TR-01	CAT-EX-169-01	N/A
C309	28~30	CAT-HT-309-2830-12	CAT-MA-309-2830-FR-01	CAT-MA-309-2830-FS-01	CAT-MA-309-2830-TR-01	N/A	N/A
C383	24~26	CAT-HT-383-2426-11	CAT-MA-383-2426-FR-01	CAT-MA-383-2426-FS-01	CAT-MA-383-2426-TR-01	CAT-EX-74-01	N/A
C394	20	N/A	CAT-MA-394-2020-FR-01	CAT-MA-394-2020-FS-01	CAT-MA-394-2020-TR-01	N/A	N/A
C-C393 AND T-C114	24~26	CAT-HT-393-2430-13	CAT-MA-393-2426-FR-01	CAT-MA-393-2426-FS-01	CAT-MA-393-2426-TR-01	CAT-EX-MCX-8-01	N/A
	28~30	CAT-HT-393-2430-13	CAT-MA-393-2830-FR-01	CAT-MA-393-2830-FS-01	CAT-MA-393-2830-TR-01		N/A
C-C396	32	CAT-HT-396-3234-12	CAT-MA-396-3234-FR-03	CAT-MA-396-3234-FS-03	CAT-MA-396-3234-TR-03	N/A	N/A

CAT: CRIMP APPLICATION TOOLING
 -MA: MACHINE APPLICATOR
 -HT: HAND TOOL
 -XXX: CONTACT
 -XXXX: GAUGE RANGE
 -XX: -TR(PRE FEED 30MM STROKE)
 -FR (PRE FEED 40MM STROKE *)
 -FS (POST FEED 40MM STROKE)
 -XX: INSULATION THICKNESS
 -01 (FOR 300V)
 -02 (FOR 600V)
 -03 (FOR TEFLON)
 * SAMTEC PRODUCTION TOOLING STANDARD

PROPRIETARY NOTE
 THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.
 DO NOT SCALE DRAWING
 SHEET SCALE: 1:0.571429



520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
 CRIMP/STRIP SPECIFICATIONS

DWG. NO.
CRIMP-SPECIFICATIONS

BY: D.SCHMELZ 10-11-2010 SHEET 5 OF 5