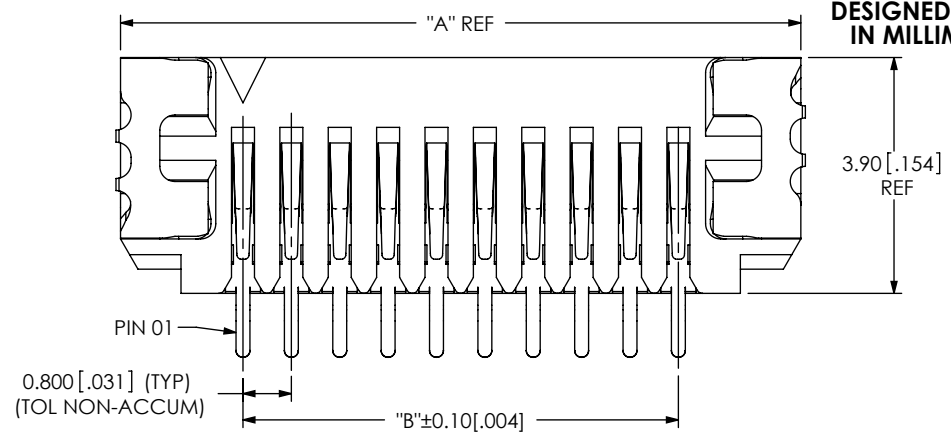


DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

UCC8-XXX-X-X-X-X-A



No OF POSITIONS
-010, *-014,
*-020, *-028
(TOTAL)
LEAD STYLE
-1: -1.05 HEIGHT

ALIGNMENT PIN
-A: ALIGNMENT PIN

PLATING SPECIFICATION
-H: 30µ" GOLD IN CONTACT AREA, GOLD FLASH ON TAIL (USE C-389-X.XX-H)

WELD TAB
-1: THRU HOLE
-2: SURFACE MOUNT

ROW SPECIFICATION
-S: SINGLE ROW

(* = NOT TOOLED)

MULTIPLE PATENTS PENDING

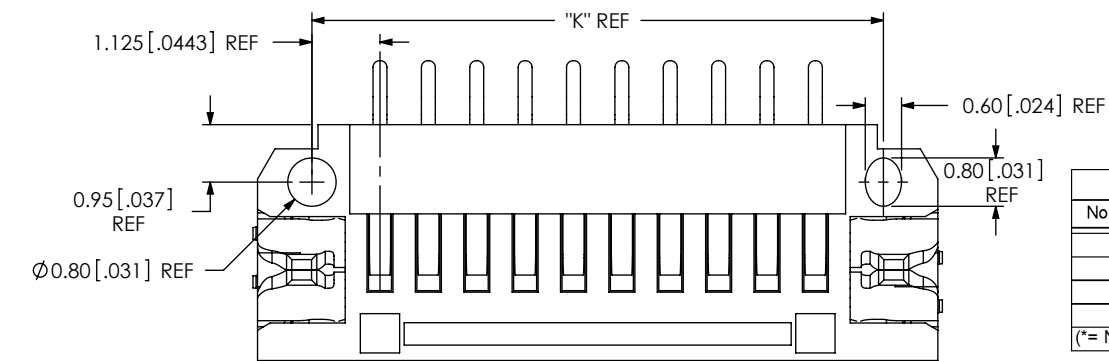
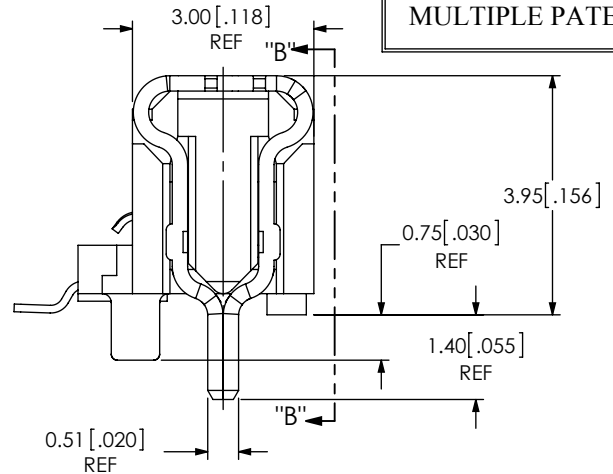
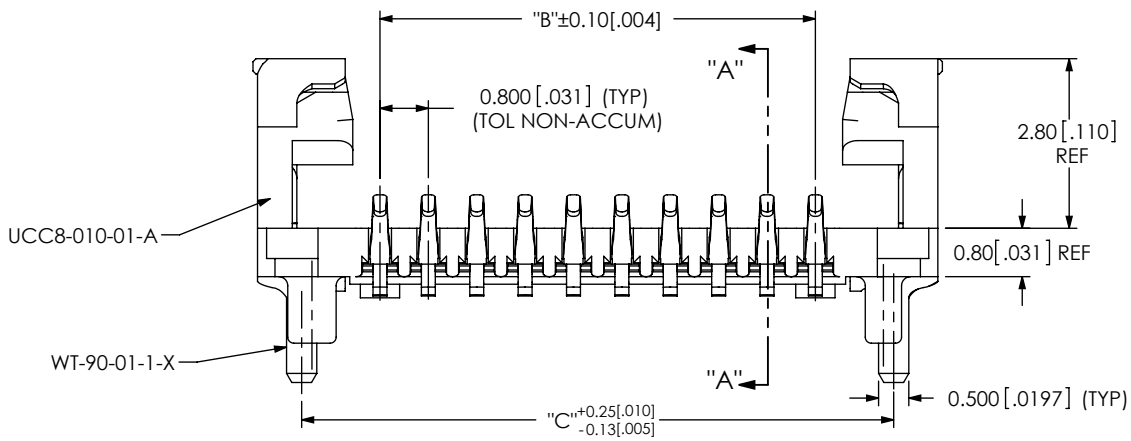


TABLE 1

No OF POS	"A"	"B"	"C"	"K"	"L"
-010	11.25 [0.443]	7.20 [0.283]	10.00 [0.394]	9.45 [0.372]	11.25 [0.443]
*-014	14.45 [0.569]	10.40 [0.409]	13.20 [0.520]	12.65 [0.498]	14.45 [0.569]
*-020	22.00 [0.866]	17.95 [0.707]	20.75 [0.817]	20.20 [0.795]	22.00 [0.866]
*-028	28.40 [1.118]	24.35 [0.959]	27.15 [1.069]	26.60 [1.047]	28.40 [1.118]

(* = NOT TOOLED)

THIS IS THE SECOND GENERATION DESIGN OF THE UCC8 (RUGGEDIZED). SEE DRAWING No ASP-180863-01 FOR THE ORIGINAL DESIGN (ONLY AVAILABLE TO EXISTING CUSTOMERS)

FIG 1
UCC8-010-T-X-S-T-A SHOWN
(PPP NOT SHOWN FOR CLARITY)

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 1.6N [0.36 LB].
3. TAPE & REEL IS STANDARD PACKAGING.
4. FOR QUANTITIES UP TO 49 PIECES, NO LEADER, TRAILER, OR EIA-481 REEL WILL BE SUPPLIED. FOR QUANTITIES 50-124, NO LEADER OR TRAILER WILL BE SUPPLIED.
5. MEASURE AT BEND TANGENCY.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:
DECIMALS ANGLES
X.X: ±0.3 [.01]
X.XX: ±0.13 [.005]
X.XXX: ±0.051 [.0020]

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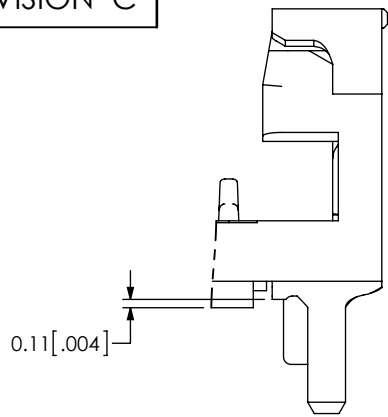
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 53322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 8:1
INSULATOR: LCP, COLOR: BLACK
CONTACT: BeCu
WELD TAB: COPPER ALLOY

DESCRIPTION:
0.8MM UCC8 SOCKET ASSEMBLY

DWG. NO.
UCC8-XXX-X-X-X-X-A

BY: R MUSSER 12/16/2013 SHEET 1 OF 4



SECTION "B"-"B"
SCALE 10 : 1

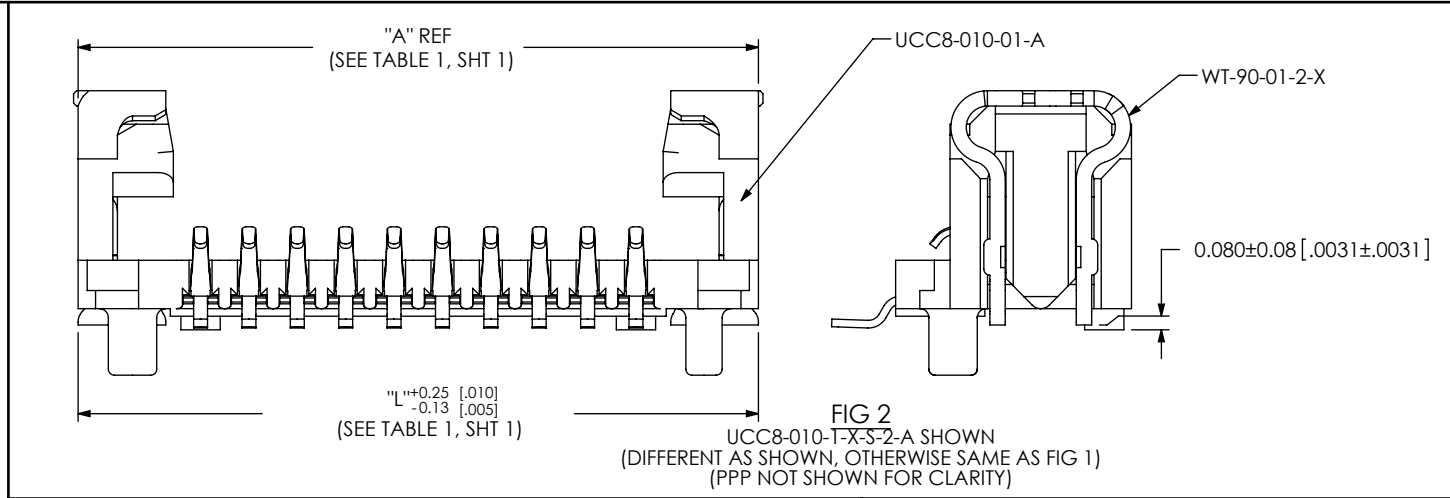
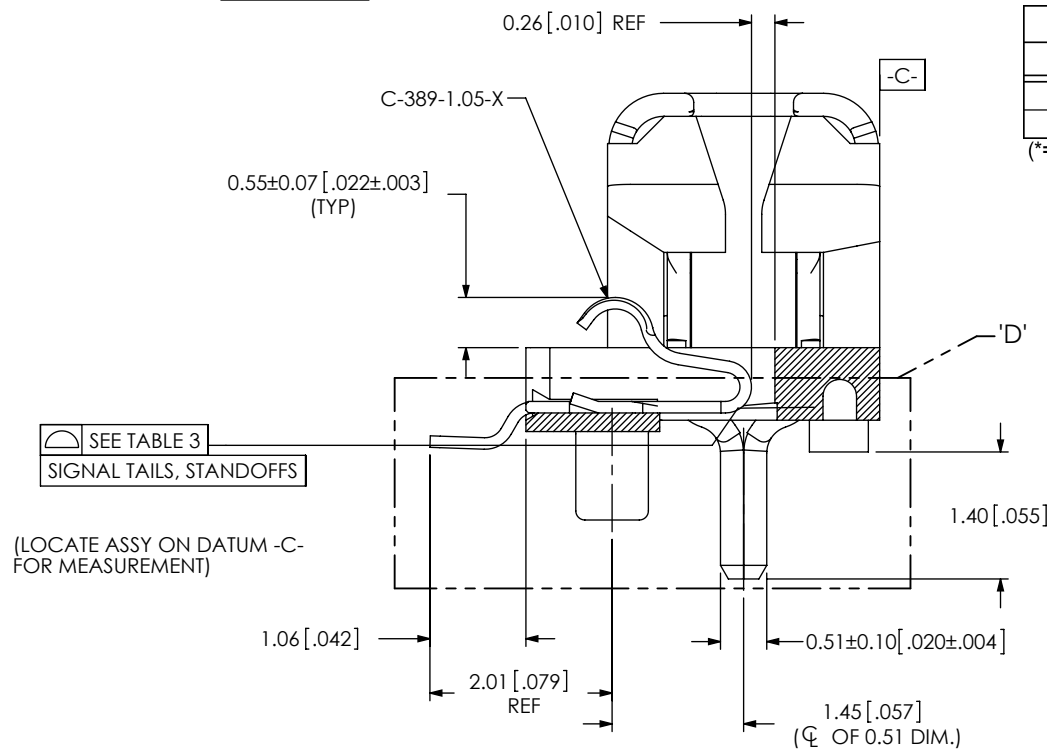


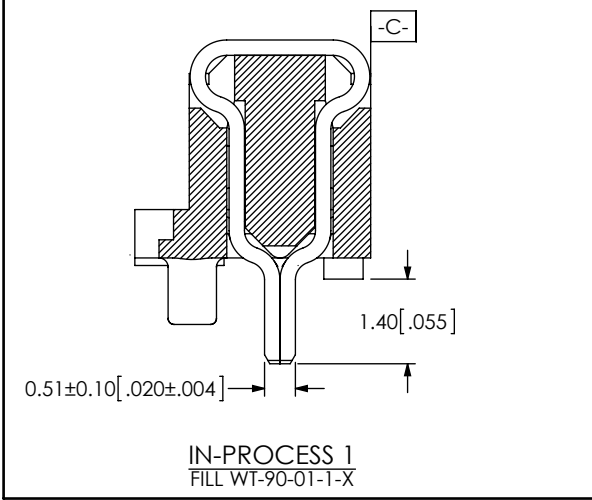
FIG 2
UCC8-010-T-X-S-2-A SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(PPP NOT SHOWN FOR CLARITY)



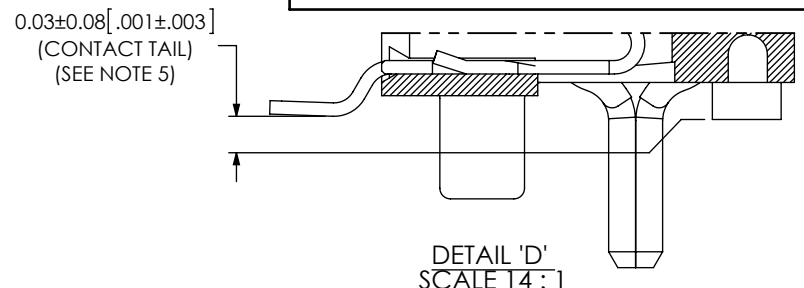
SECTION "A"-"A"
SCALE 12 : 1

No OF POS	COPLANARITY
-010, *-014	0.10 [0.004]
*-020, *-028	0.13 [0.005]

(* = NOT TOOLED)



IN-PROCESS 1
FILL WT-90-01-1-X



DETAIL 'D'
SCALE 14 : 1

SEE TABLE 3
SIGNAL TAILS, STANDOFFS

(LOCATE ASSY ON DATUM -C-
FOR MEASUREMENT)

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	<p>DESCRIPTION: 0.8MM UCC8 SOCKET ASSEMBLY</p>	
	<p>DWG. NO. UCC8-XXX-X-X-X-X-A</p>	
<p>BY: R MUSSER 12/16/2013</p>		<p>SHEET 2 OF 4</p>

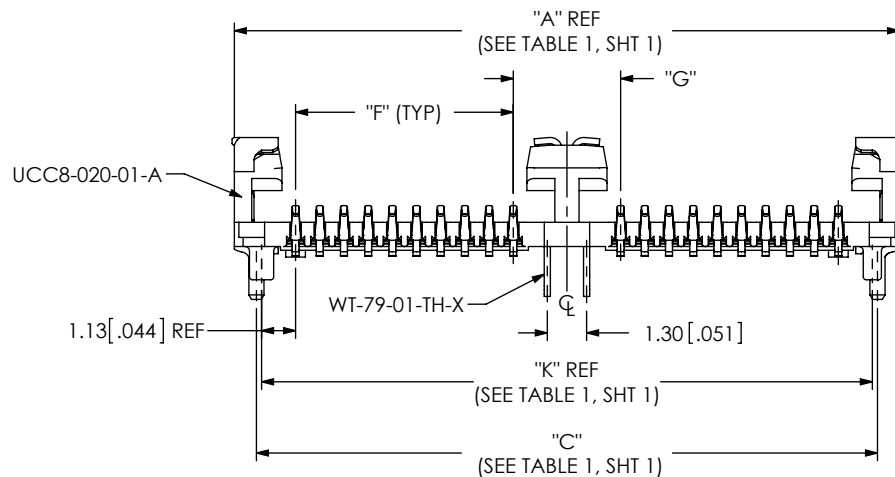
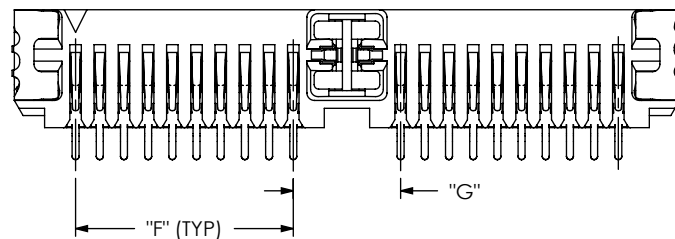


FIG 4
 UCC8-020-T-X-S-1-A SHOWN
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
 (PPP NOT SHOWN FOR CLARITY)
 (NOT TOOLED)

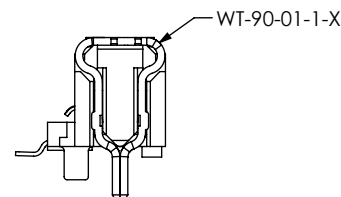


TABLE 4		
No OF POS	"F"	"G"
*-020	7.20 [0.283]	3.55 [0.140]
*-028	10.20 [0.402]	3.35 [0.132]

(* = NOT TOOLED)

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SHEET SCALE: 8:1

samtec

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

DESCRIPTION:
 0.8MM UCC8 SOCKET ASSEMBLY

DWG. NO.
 UCC8-XXX-X-X-X-A

BY: R MUSSER 12/16/2013 SHEET 3 OF 4

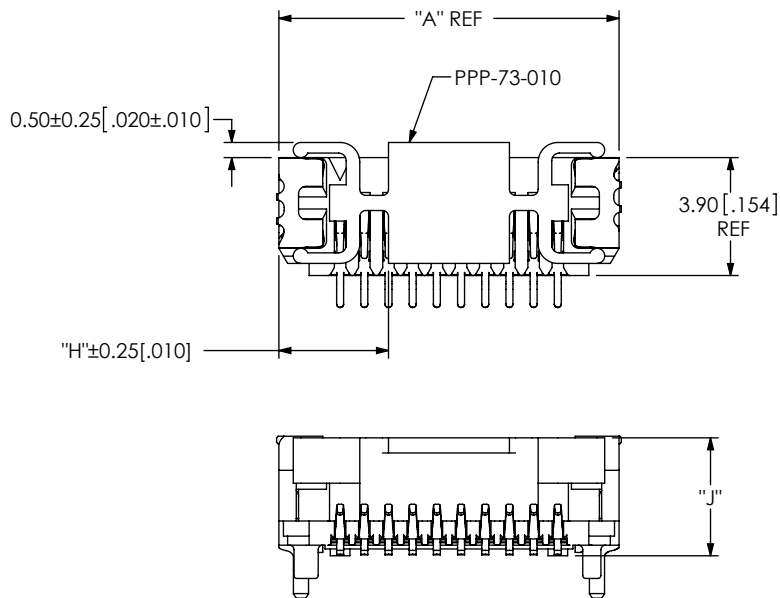


FIG 5
 PICK AND PLACE PAD
 UCC8-010-1-X-S-1-A SHOWN
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1;
 USE PPP-73-XXX FOR BOTH -1 & -2 WELD TAB LEAD
 STYLES)

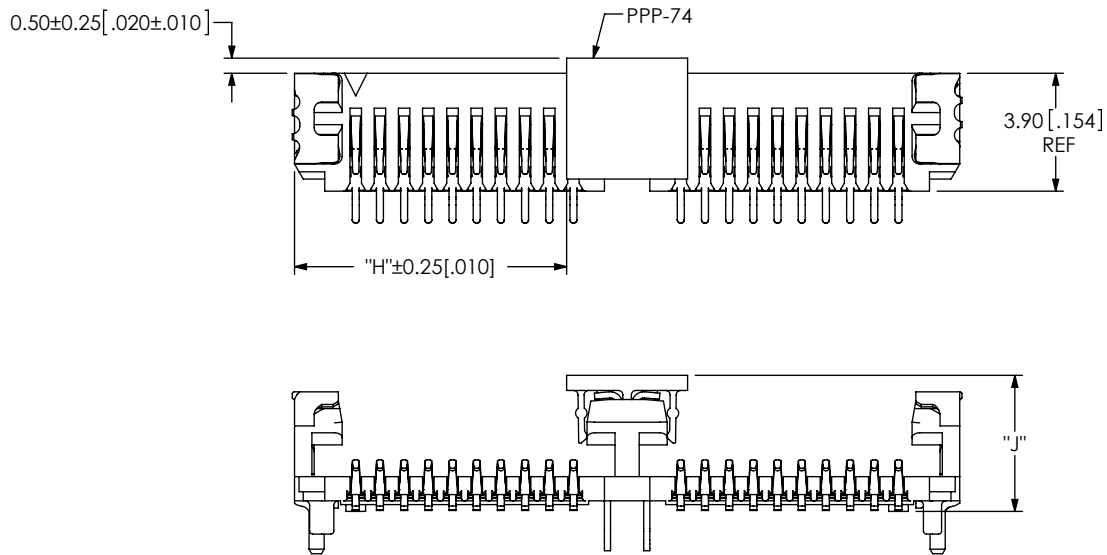


FIG 6
 PICK AND PLACE PAD
 UCC8-020-1-X-S-1-A SHOWN
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
 (NOT TOOLED)

No OF POS	"H"	"J"
-010	3.63 [0.143]	3.90 [0.154]
*-014	5.13 [0.202]	3.90 [0.154]
*-020	9.00 [0.354]	4.45 [0.175]
*-028	12.00 [0.472]	4.45 [0.175]

(* = NOT TOOLED)

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	<p>DESCRIPTION: 0.8MM UCC8 SOCKET ASSEMBLY</p>	
	<p>DWG. NO. UCC8-XXX-X-X-X-X-A</p>	
	<p>BY: R MUSSER 12/16/2013</p>	<p>SHEET 4 OF 4</p>