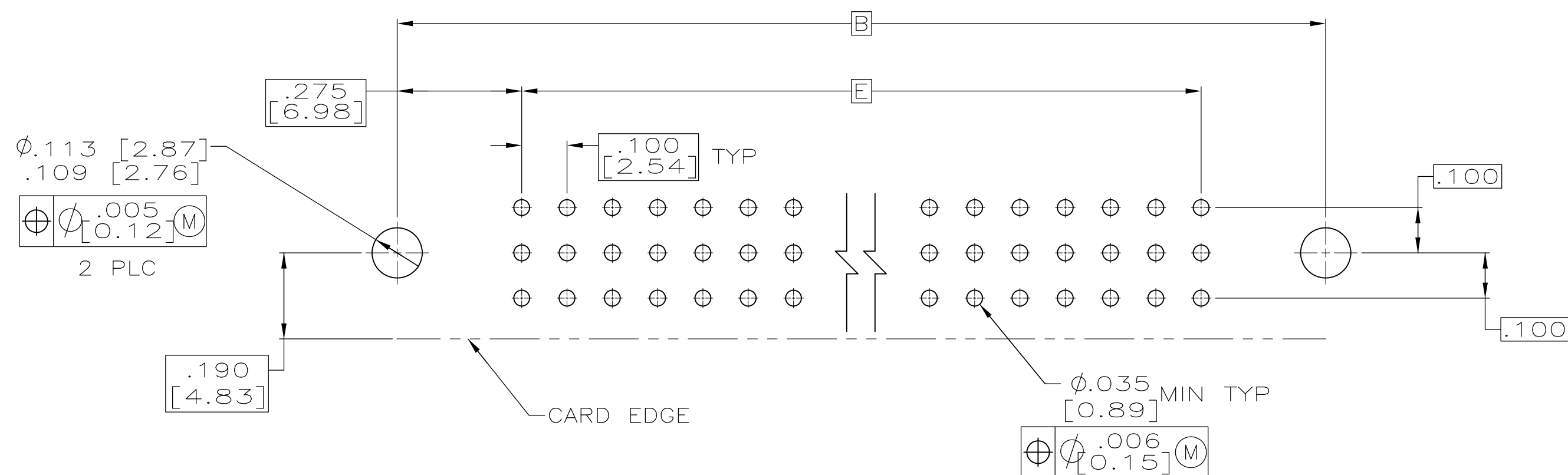


Technical drawing of a cross-section of a nickel alloy component, labeled "SECTION X-X". The drawing shows a complex assembly with various dimensions and tolerances. Key features include a "SOLDER TAIL" on the left, a "NICKEL" base, and a "SQ. TYP" (square) feature on the right. Dimensions are given in inches and millimeters. Surface finish symbols (triangles with numbers) are present on several surfaces. A detail view of a circular feature is shown in the top right corner.

Dimensions (Inches / Millimeters):

- .140 ± .015 [3.55 ± 0.38]
- .060 [1.52]
- .450 [11.44]
- .350 [8.89]
- .130 [3.30]
- .250 [6.36]
- .240 [6.10]
- .150 [3.81]
- .210 ± .010 [5.32 ± 0.25]
- .026 [0.66]
- .024 [0.61]
- .379 [9.63]

Surface Finish Symbols:

- Triangle with 5
- Triangle with 4
- Triangle with 10

Other Labels:

- SOLDER TAIL
- NICKEL
- SECTION X-X
- SQ. TYP

①	CUSTOMER CAGE CODE AND PART NO. (PER TABLE), 00779, DATE CODE, TE PART NO. AND AMP MARKED THIS SIDE.	.250— [6.36]
②	HOUSING MAT'L: POLYPHENYLENE SULFIDE, GST-40F PER MIL-M-24519.	
③	CONTACT MAT'L: BRASS PER QQ-B-626.	
④	CONTACT FINISH: .000050" [0.00127] GOLD OVER .000050" [0.00127] NICKEL IN CONTACT AREA.	
⑤	CONTACT FINISH: .000100" [0.00254] TIN-LEAD OVER .000050" [0.00127] NICKEL	
⑥	LETTERS INDICATING OUTSIDE ROWS AND NUMBERS INDICATING END CAVITIES (ROW C ONLY) MARKED THIS SURFACE.	
⑦	NUMBERS INDICATING EVERY FIVE CAVITIES MARKED, BOTH SIDES.	
8.	MEETS ALL REQUIREMENTS OF MIL-C-55302.	
⑨	LINES INDICATING EVERY FIVE CAVITIES MARKED ON MATING FACE, EXCEPT END CAVITIES, STARTING AT POSN. #1.	
⑩	EPOXY SEALANT TO PREVENT WICKING OF FLUXES AND CONFORMAL COATING INTO THE CONTACT ENGAGEMENT AREA.	
⑪	CONTACT REMOVED FROM POSITION A2, B2 & C2 FOR 1996168-1 ONLY. EMPTY CAVITIES ARE SEALED WITH EPOXY.	
⑫	CONTACT REMOVED FROM POSITION A2, B2, C2, A3, B3, C3, A14, B14, C14, A15, B15 & C15 FOR 1996168-2 ONLY. EMPTY CAVITIES ARE SEALED WITH EPOXY.	

	04804-4A48273H02	6.900 [175.26]	69	7.044 [178.91]	7.450 [189.23]	7.750 [196.85]	198	1996168-2
	04804-4A48273H01	6.900 [175.26]	69	7.044 [178.91]	7.450 [189.23]	7.750 [196.85]	207	1996168-1
REMARKS	CUSTOMER P/N	E	D	C	B	A	POSN.	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.				OWN C.C.THOMAS 2-B-08		 Tyco Electronics Corporation		Harrisburg, PA 17105-3608	
				CHK J.WEAVER 2-B-08		NAME			
DIMENSIONS: INCHES [mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D J.WEAVER PRODUCT SPEC		PIN HEADER ASSY, RIGHT ANGLE, .100 C/L, SELECT LOADED			
		0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLG ± .005 [0.13] 4 ANGLES ± —		APPLICATION SPEC		—			
MATERIAL		FINISH		WEIGHT		SIZE		CAGE CODE	
—		—		—		A1		00779	
CUSTOMER DRAWING						DRAWING NO		RESTRICTED TO	
						C=1996168		—	
						SCALE		SHEET	
						4:1		1 of 1	
								REV	
								F	