

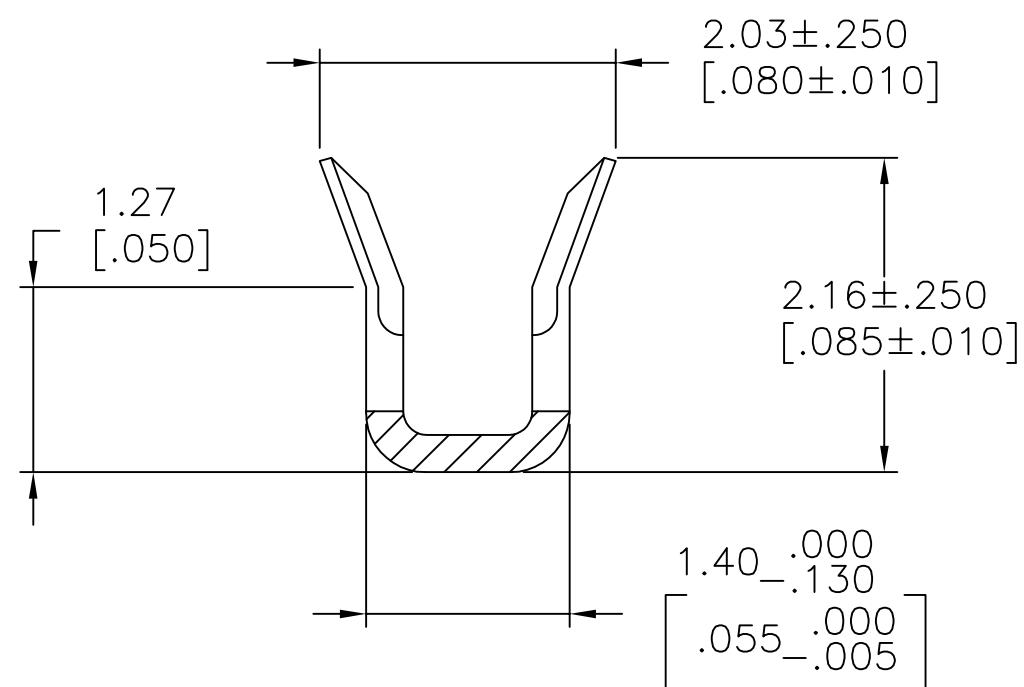


Figure 10.10 shows a technical drawing of a U-shaped part. The dimensions and tolerances are as follows:

- Total width: $2.16^{+.13}_{-.25}$
- Depth: $2.24^{+.088}$
- Bottom width: $.085^{+.005}_{-.010}$

A

1. $0.76\mu\text{m}$ [.000030] MIN PRECIOUS METAL PLATE ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH $1.27\mu\text{m}$ [.000050] MIN MATTE TIN PLATE IN WIRE CRIMP AREA, BOTH OVER $1.27\mu\text{m}$ [.000050] MIN NICKEL PLATE. CONFORMS TO THE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPEC 108-10042, BASED ON EIA/ECA-364-1000.01A (CONTROLLED ENVIRONMENT APPLICATIONS).
2. REELED FOR MINI-APPLICATOR.
3. GOLD PLATING NEED NOT APPEAR IN THIS AREA.
4. $0.76\mu\text{m}$ [.000030] MIN PRECIOUS METAL PLATE ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH A UNIFORM GRADIENT TO $0.25\mu\text{m}$ [.000010] ON REMAINDER, OVER $1.27\mu\text{m}$ [.000050] MIN NICKEL PLATE. GOLD FLASH ALL OVER. CONFORMS TO THE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPEC 108-10042, BASED ON EIA/ECA-364-1000.01A (CONTROLLED ENVIRONMENT APPLICATIONS).
5. $0.38\mu\text{m}$ [.000015] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH $1.27\mu\text{m}$ [.000050] MIN MATTE TIN PLATE IN WIRE CRIMP AREA, BOTH OVER $1.27\mu\text{m}$ [.000050] NICKEL PER QQ-N-290.
6. WIRE RANGE 26-30 AWG.
7. INSULATION RANGE 1.02 [.040]-1.52 [.060] DIA.
8. $1.27\mu\text{m}$ [.000050] MIN TIN-LEAD PER MIL-T-10727 OVER
 $1.27\mu\text{m}$ [.000050] MIN NICKEL PER QQ-N-290.
9. $0.38\mu\text{m}$ [.000015] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN, $1.27\mu\text{m}$ [.000050] MIN NICKEL PER QQ-N-290 ON MATING END, $0.38\mu\text{m}$ [.000015] MIN GOLD PER MIL-G-45204 ON OPPOSITE END, BOTH OVER $1.27\mu\text{m}$ [.000050] MIN NICKEL PER QQ-N-290 ON ENTIRE CONTACT.
10. $1.27\mu\text{m}$ [.000050] MIN TIN PER MIL-T-10727 OVER
 $1.27\mu\text{m}$ [.000050] MIN NICKEL PER QQ-N-290.

			—	1—66425—2
OBSOLETE			66429—6	1—66425—1
			66429—4	66425—8
			66429—3	66425—7
OBSOLETE			—	66425—6
OBSOLETE			66429—1	66425—5
	STANDARD		66429—4	66425—4
	STANDARD		66429—3	66425—3
OBSOLETE	STANDARD		66429—1	66425—1
	REELING	PIN BODY FINISH	LOOSE PIECE REF	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN V. FURLER 28JUL03		 TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK G. STEINHAUER 28JUL03					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD G. STEINHAUER 28JUL03					
		PRODUCT SPEC —		PIN ASSEMBLY, .062, TYPE III+			
0 PLC ± — 1 PLC ± — 2 PLC ± 0.13 [.005] 3 PLC ± — 4 PLC ± — ANGLES ± —		APPLICATION SPEC —					
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
SEE CALLOUTS		SEE TABLE		WEIGHT	—	A2 00779 G=66425	—
CUSTOMER DRAWING				SCALE	8:1	SHEET	1 of 1
				REV	V		