



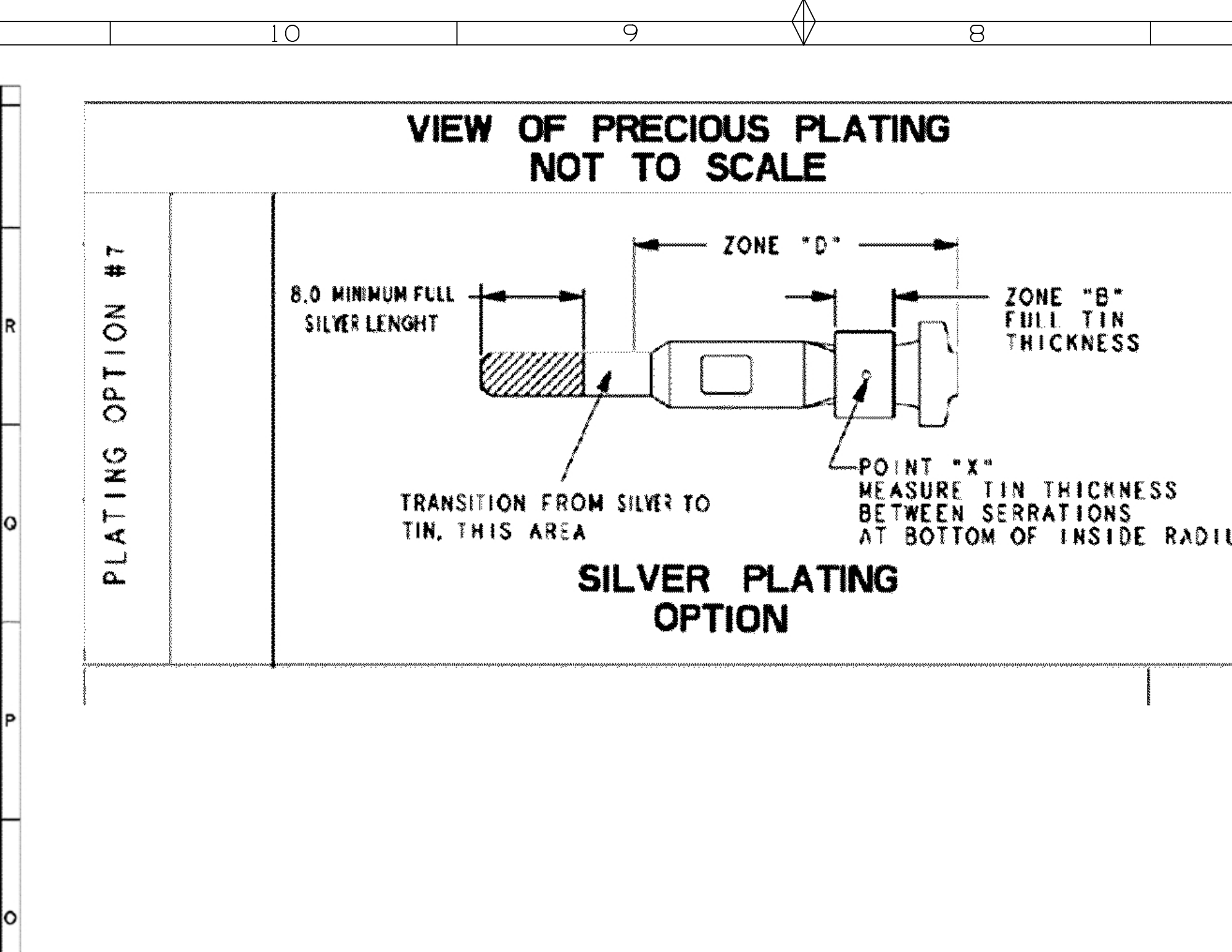
THE DATASHEET OF X49SM4MSD2SC

12		11		10		9		8		7		6		5		
CABLE A (SEAL C-1) (UNSEAL US)	WIRE SPEC ANG	WIRE SPEC ANG	WIRE SPEC METRIC	CONDUCTOR CRIMP HEIGHT (C-1) (US 1.95)	CONDUCTOR CRIMP HEIGHT (C-1) (1.7-0.83)	CONDUCTOR CRIMP HEIGHT (C-1) (1.7-0.83)	INSULATION CRIMP HEIGHT (C-1) (1.7-0.83)	INSULATION CRIMP HEIGHT (C-1) (1.7-0.83)	INSULATION CRIMP W/ BTH (C-1) (1.7-0.83)	INSULATION CRIMP W/ BTH (C-1) (1.7-0.83)	INSULATION CRIMP PUNCH OPTION 1	INSULATION CRIMP PUNCH OPTION 2	INSUL GRIP FORM TYPE SECC-D			
US 22			0.35	1.40	1.30	2.05	1.95	1.95	2.60							
CS 18			0.75/1.00	1.50	1.30/1.50		4.20*	4.15/4.20*	4.10*							
CS 20			0.50	1.30	1.25	2.45	4.05*	4.05								
US 18			0.75/1.00	1.50	1.30/1.50		2.35	2.35/2.45	2.80							
US 20			0.50	1.30	1.25		2.20	2.20								
CS 14			2.80/2.50	1.95	1.75/1.80		5.50*	5.40/5.50*	5.70*							
US 14			2.80/2.50	1.95	1.75/1.80	3.05	4.50/2.50*	4.50*								
US 16			1.50	1.80	1.70		3.20	3.10/3.25	3.60							
US 21/18/20/21			2.1/1.6-0.51	1.90	1.60-1.60*	3.25	3.7-2.30*	3.7-2.30*	4.30*							
CS 10/12/14			2.5	N/A	1.60	3.45	N/A	N/A	5.20							
US N/A			2.5	N/A	1.60	3.45	N/A	N/A	N/A							
CS 10			5.00/6.50	2.25	2.40/2.62	3.65	5.30*	5.7/5.9*	5.80*							
US 12			2.00	2.20	2.05		5.70*	5.65								
US 10			2.00	2.45	2.40/2.50		3.70	4.30								
US 12			4.00	2.20	2.30		4.20	4.35								

* NOT VERIFIED TO USCAR-21

STANDARD "B" FORM TOOLING DESIGN
CONDUCTOR CRIMP

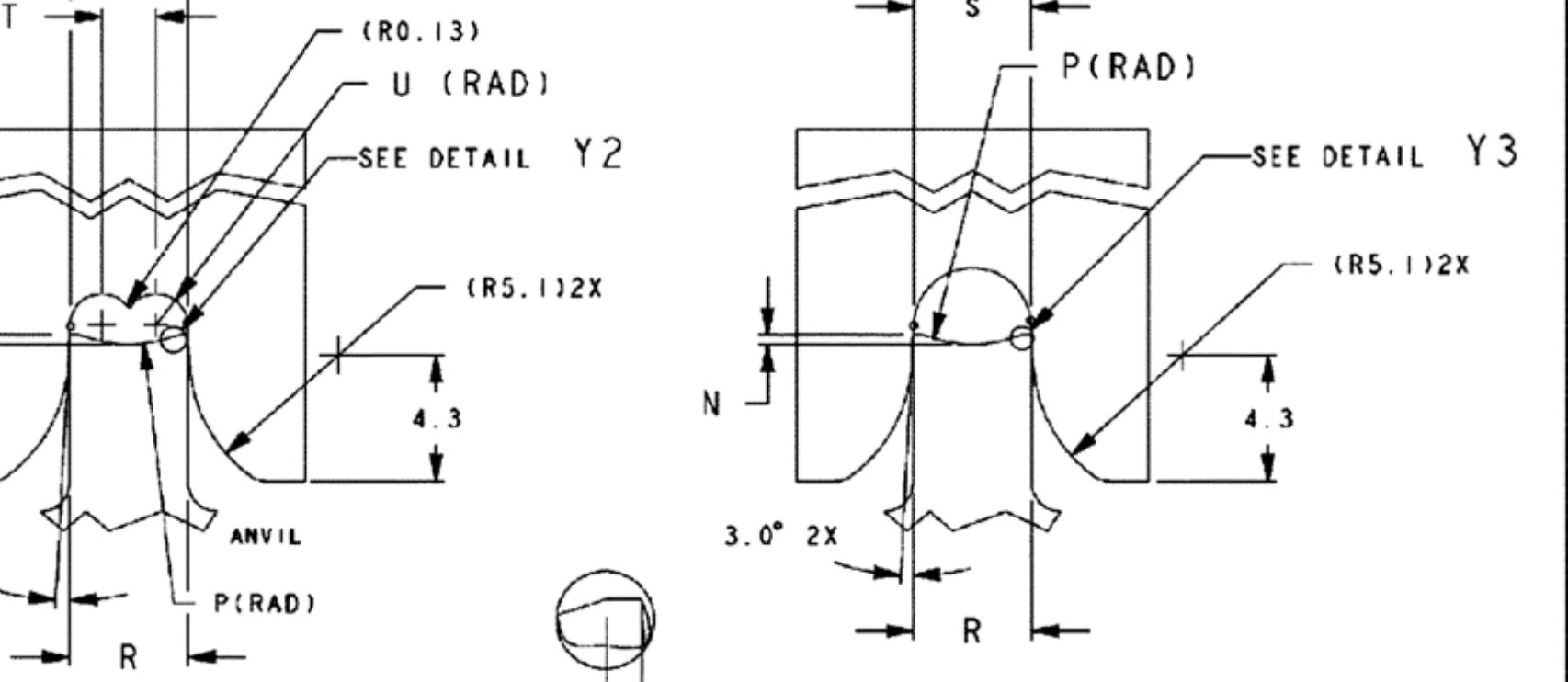
The diagram shows a cross-section of a crimped wire. Dimension 'M' is the width of the crimp. Dimension 'L' is the length of the crimp. Dimension 'E' is the height of the crimp.

[illegible]

		7		8
	MATERIAL TYPE PLATING OPT.		TYPE 2 OPTION # 7	
	PLATING		POST SILVER (IN LINE)	
	ZONE "A"		ELECTRO DEPOSITED PURE SILVER, NICKEL UNDERPLATE NOT REQ. M60558C4710.0020.003MM)	
	ZONE "B"		ELECTRO MATT TIN PLATE M60558Z210.0015/0.0025MM)	
US	ZONE "C"		---	
	ZONE "D"		ELECTRO MATT TIN PLATE 0.0005MM MINIMUM	

	5	4
--	---	---

3			2			1		
DWG STATUS			ZONE	REVISION HISTORY	AUTH	DR	APPROVAL	
DATE	STO	REV						NO
05F3E1R	01	-	-	ALL PARTS - REVISED AND REDAWN IN PSD SYSTEM, ADDED PART NUMBERS AND UPDATED WML CHART	4210504	JEO	JAA	
15F3E1R	02	-	-	ALL PARTS - ADDED NMCI COLUMN ON WML CHART AND BLADE THICK TRUE POSITION WAS 0.10	421399	JEO	JAA	
14WR1R	03	-	-	33400512.1, 15512730, 10726774 & 15519823.1 DWT "L" WAS 1.00; ALL PARTS - UPDATED WML PASTE UP DWG TO REV 0.00. "L" WERE TO ORIGINAL PRAP AND ADDED DEPTH FORMAT & PARTS: 33511839.44 - RELEASED	421737	JEO	JAA	
100C1R	04	-	-	33111005 - RELEASED	423999	QOJ	JAA	
05W3R1	05	-	-	15548841 - RELEASED	425451	QOJ	JAA	
13W1R	06	-	-	ALL PARTS - INSPECTION SYMBOL, BALLON #1 WAS 0.3-0.7 TYP 10757692, 13460090, 15524503, 33400514.15 & 33511842.42 - UPDATED "WIRE SIZE" TO "WIRE DIAMETER" INFO ON CHART FOR 14/16 GAGE	429291	JAA	BO	
24.11.17	07	-	-	13469981, 15520800, 15520916.1 & 15519832.1 1552730, 33400514.15 & 33511840.43 - UPDATED PART AVAILABLE	437251	QOJ	JWV,JO	
09.11.18	08	-	-	33400512.14, 33400516, 33511840.41 & 33511843.44 - ADDED "PLATING OPTION #7" VIEW	440242	DVA	JJO	
04DE18R	09	-	-	335270.95, 86 - RELEASED 15509074, 15512734 - WIRE SIZE WAS 2.5	441331	AHO	WLE	
05F5E1R	10	-	-	35270.95 & 35270.96 - CORRECTED PART AVAILABILITY IN PASTE UP	442276	JJO	JAI	
05A9F1R	11	-	-	35270.95 & 35270.96 - WML PASTE UP DWG, "L" WAS 1.4 & ADDED "C" IN WML PASTE UP DWG ADDED WML PASTE UP DWG, "WIRE SIZE" INFORMATION WAS 1.00 & 1.00	442505	QOJ	HLX, JAI	

[illegible]

DETAIL Y1

OF IN.

TANGENT POINT SHOULD MATCH TOP AND BOTTOM.

0.30 FLAT 2X

DETAIL Y2

0.30 FLAT 2X

SHARP

FREE

(2) (125 ± .60)

A

(6) DATE CODE THIS SIDE

(7) 1.25 (±.1)

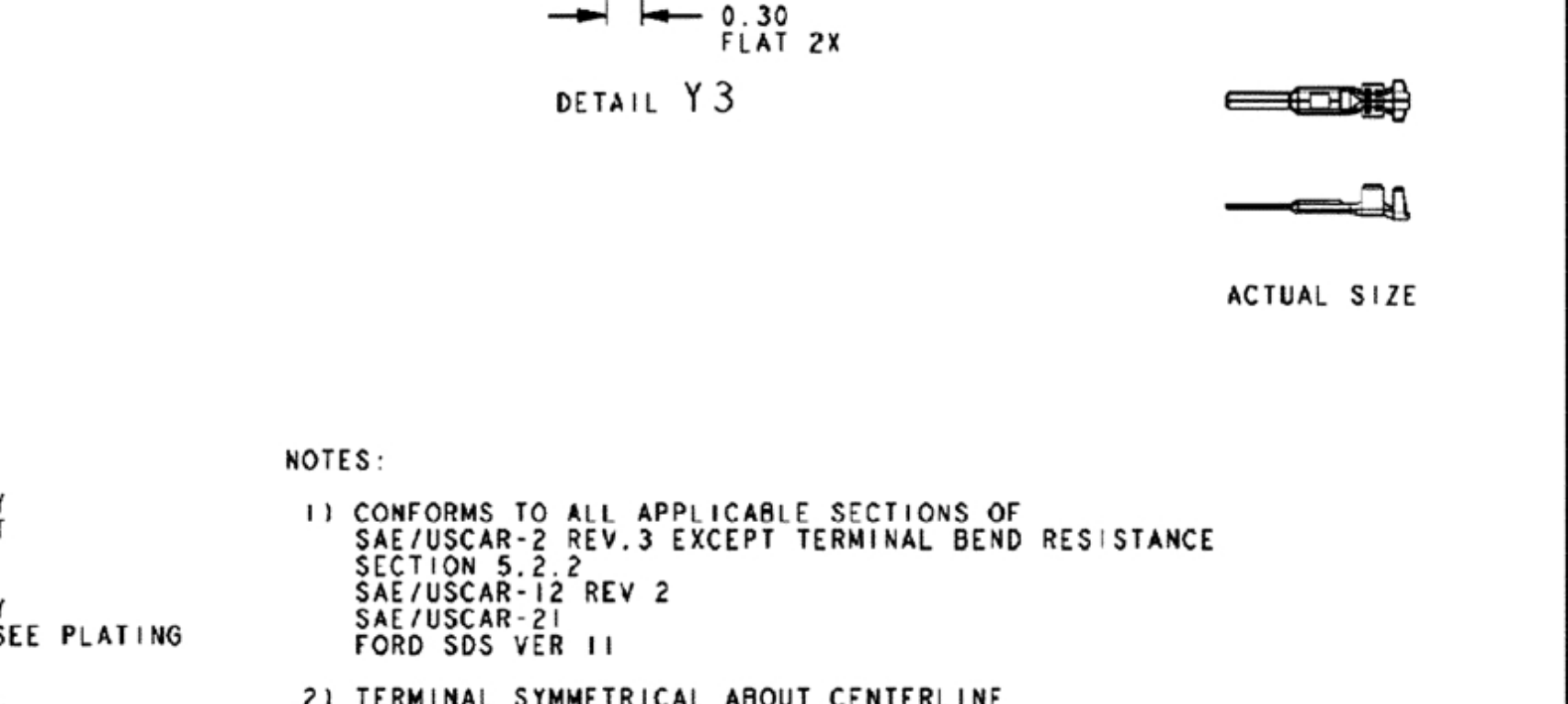
SHAPE AND LOCATION VARY FOR CABLE SEAL ONLY

(8) GRIP CODE PARSIDE A

MATERIALS:

MATERIAL TYPE 1: COPPER ALLOY PIPE WELDED. SEE PLATING CHART FOR INFORMATION.

MATERIAL TYPE 2: COPPER ALLOY BASE MATERIAL. POST PLATED. SEE CHART FOR INFORMATION.



-	-	Y	35318916
-	-	Y	35279385
-	-	Y	35279386
54001001	T	N	10762774
54001001RWA	T	N	15548841
54001001RWC	T	N	15512726
54001020	T	N	15512730
-	-	N	33400512
54001027	T	Y	15516298
54001029WA	T	Y	15516299

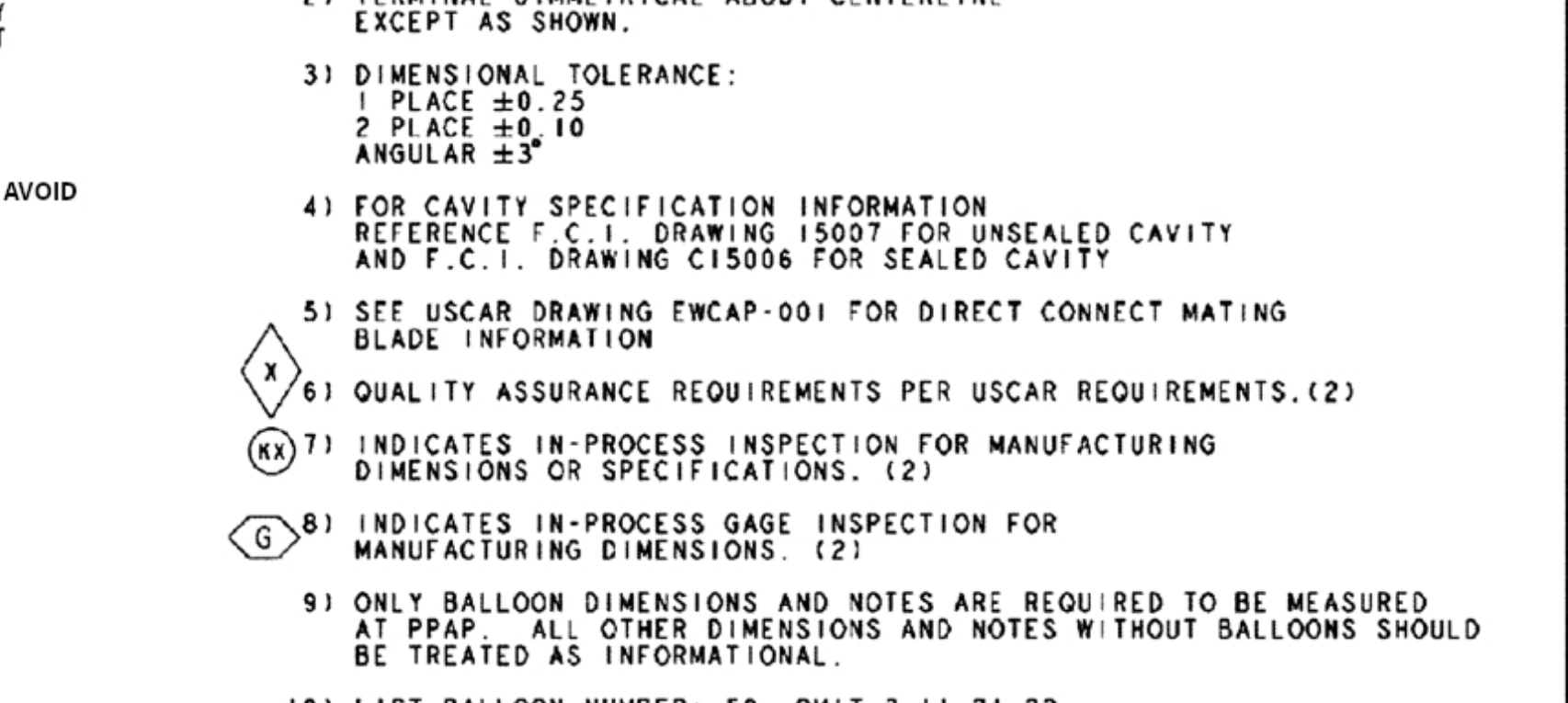
01	-	M6565J00	5
01	AB	M6565J00	5
01	AB	M6565J00	5
03	AH	M6565J00	5
01	AA	10762774	-
01	AB	10762774	-
01	AE	15519823	3
01	AE	33511843	7
01	AB	M6565J00	5
01	AA	15516209	-

	*	*	*	*
	*	*	*	*
	*	*	*	*
	*	*	*	*
	*	*	*	*
	*	*	*	*
	*	*	*	*
	*	*	*	*
155119823	01	AD	M6564J00	
335111843	01	AC	M6564J00	
	*	*	*	*

Technical drawing of a strip plating machine. The main drawing shows a side view of the machine with various components labeled (1) through (15). Dimensions (1) through (15) are indicated. A detailed view of the plating tank is shown below the main drawing, with labels (16) and (17) and dimensions (V) and (W).

PRECIOUS PLATING NOTES:

TIN AND NICKEL OVERLAP IS NECESSARY TO EXPOSURE OF BASE METAL PARTS TO BE SHIPPED TO THE PLATER ON REELS IN STRIP FORM.



		5400102IRWA	T	Y	234000512
		F808B00	T	Y	15509074
		F808B00RWA	T	Y	15512734
		-	-	N	33400514
		-	-	N	33400515
		54001441	T	N	13681974
		54001441RWC	T	N	15522351
		54001401	T	N	10757692
		54001401RWA	T	N	15524503
		54001401RWC	T	N	13969990
		54001301	T	N	10757693
		54001301RWA	T	N	15524504
		-	-	N	33400516
		F875200	T	N	15509076

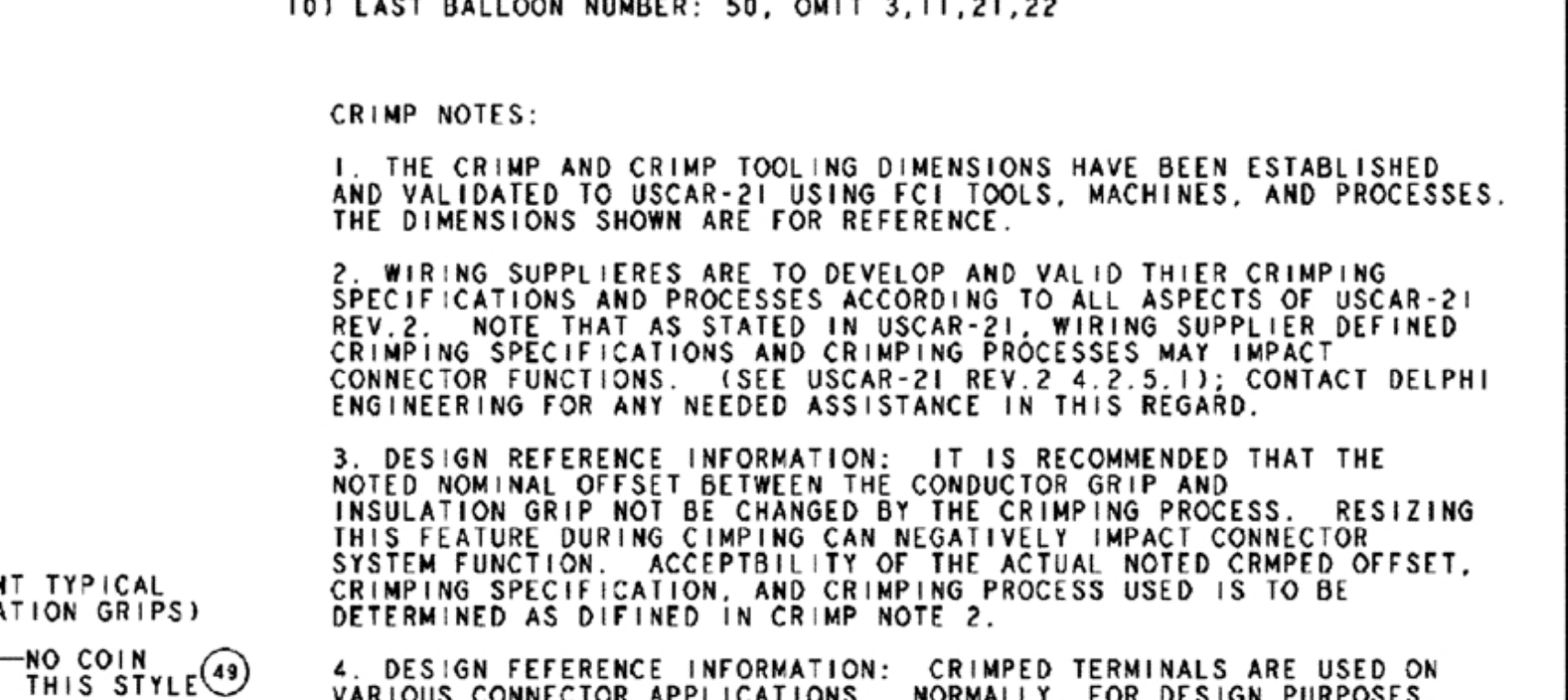
01	AX	135110248	-
01	AD	33511844	7
01	AC	M6565J00	5
01	AC	15559074	-
01	AD	33511841	7
01	AD	33511842	4
01	AC	15519825	3
01	AC	13681974	-
03	AG	M6565J00	5
01	AB	10757692	-
01	AB	10757692	-
03	AB	M6565J00	5
01	AB	10757693	-
01	AD	33511840	7
01	AC	15520221	4

33511844	01	AB	M6564J00
	-	-	-
	-	-	-
33511841	01	AC	M6564J00
33511842	01	AB	M6564J00
15519825	01	AB	M6564J00
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
33511840	01	AC	M6564J00
15520221	01	AB	M6564J00

SECTION A - A

MAX. CUT-OFF PERMISSIBLE

0.5 MAX. METAL GRAY (ALL INSUL.)



E	54001819	T	N	15425613
	54001819RWA	T	N	15512733
	54001819RWC	T	N	15513652
	54001818	T	N	15435215
	54001818RWA	T	N	15516296
	54001818RWC	T	N	13971791
	54001804	T	N	13805590
	54001804RWA	T	N	15512732
	54001804RWC	T	N	15516297
	54001801	T	N	10762775
O	54001801RWA	T	N	15516294
	54001801RWC	T	N	13751022
	F975200	T	N	15520946
	54002230	T	N	33501642

02	AC	15519829	2
01	AC	15425613	-
01	AC	15425613	-
01	AC	15519827	3
01	AC	15435215	-
01	AC	15435215	-
01	AC	15519824	1
01	AC	13805590	-
01	AC	13805590	-
03	AB	M6565J00	5
01	AB	10762775	-
01	AB	10762775	-
01	AD	15520917	4
01	AC	33511839	3

15519829	01	AB	M6564_J00
-	-	-	-
-	-	-	-
15519827	01	AB	M6564_J00
-	-	-	-
-	-	-	-
15519824	01	AB	M6564_J00
-	-	-	-
-	-	-	-
15520917	01	AC	M6564_J00
33511839	01	AA	M6564_J00

The image contains two technical drawings of electrical components.

SECTION C-C INSULATION GRIP SINGLE WIRE

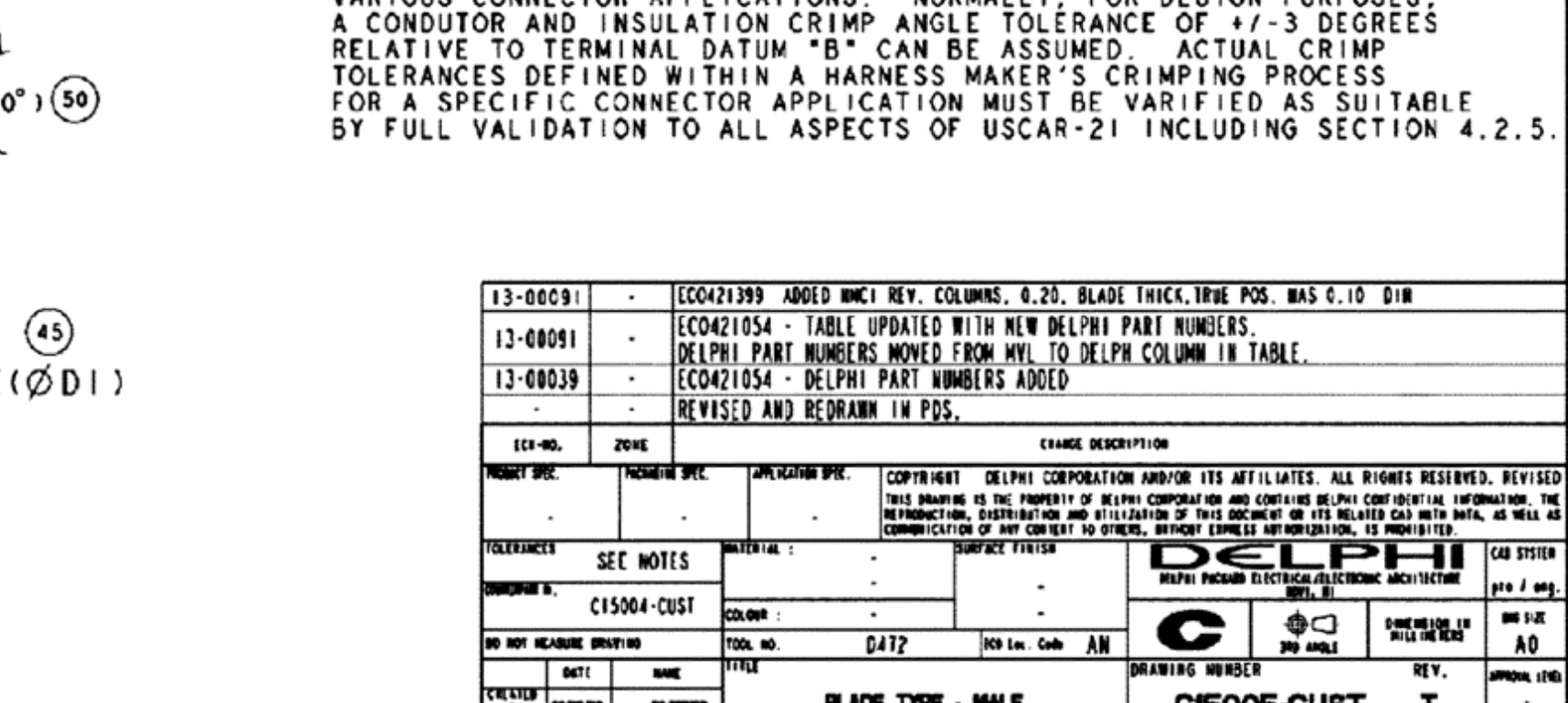
This drawing shows a cross-section of a single wire with a V-shaped insulation grip. Key dimensions and labels include:

- Top Left:** 0.250 (D1) A109 (14)
- Top Center:** 0.25 (D1), 0.15 TYP (ALL GRIPS), 20° REF. TIP (ALL GRIPS) (C11), (C12)
- Top Right:** 0.125 (D2) A109 (14)
- Center:** 0.30 MAX. DISALIGNMENT (ALL GRIPS), (D1), (D2)
- Bottom:** SECTION C-C, INSULATION GRIP SINGLE WIRE

SECTION C-C INSULATION GRIP CABLE SEAL

This drawing shows a cross-section of a cable seal with a V-shaped insulation grip. Key dimensions and labels include:

- Top Left:** 0.250 (D1) A109 (14)
- Top Center:** 0.25 (D1), 0.15 TYP (ALL GRIPS), 20° REF. TIP (ALL GRIPS) (C11), (C12)
- Top Right:** 0.125 (D2) A109 (14)
- Center:** 0.30 MAX. DISALIGNMENT (ALL GRIPS), (D1), (D2)
- Bottom:** SECTION C-C, INSULATION GRIP CABLE SEAL



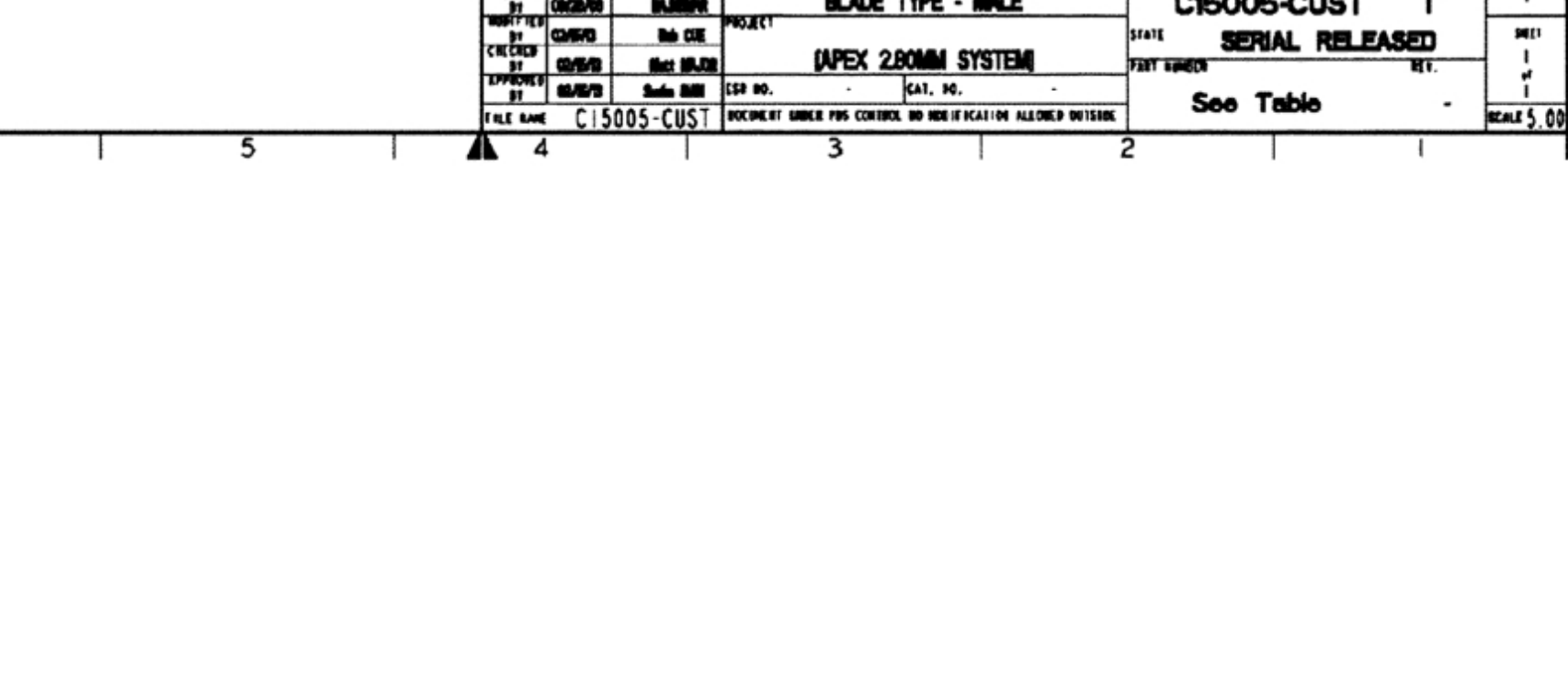
C		5400221RWA	T	N	15512731
		5400222R	T	N	15520890
		54002201	T	N	10762776
		54002201RWA	T	N	15512725
		54002201RWC	T	N	13969981
B		PART NUMBER	REV	SEALED	PART NUMBER
		MVL			
A					

01	AC	33501642	-
01	AD	15520918	2
03	AG	M6565J00	5
01	AB	10762776	-
01	AD	10762776	-
REV	N/P	MAT'L SPEC	PLATING PROCESS OPTION
PLATED			
			APTIV

-	-	-	-
1552918	01	AB	M6564J00
-	-	-	-
-	-	-	-
-	-	-	-
PART NUMBER	REV	N/P	MAT'L SPEC
UNPLATED			

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CONNECTION SYSTEMS
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NOTES

1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS AUTOMATICALLY (SEE MATH) OTHER DIMENSIONS BUILD, SEE

VIEW SPECIFIED AND/OR INDICATED:

ARE TO FACE OF VIEW SHOWN AND
LLY ROUNDED BY COMPUTER FOR INSPECTION
MODEL FOR PRECISE DIMENSIONS). FOR ALL
VISIONS NOT SHOWN BUT REQUIRED FOR TOOL
MATH MODEL FOR PRECISE TOOL PATH DATA.

[illegible]

SIZE	SCALE	FRAME NO.	SHEET NO.	TOTAL SHEETS	REV
A1x3	NONE	2 OF 2	1 OF 1	R	13

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