

1,2		1,1		1,0		0		0		7		6	
CABLE A (SEAL, CCS) UNSLATED UNIT	WIRE SIZE AWG	WIRE SPEC AWG	WIRE SPEC METRIC	WIRE SPEC METRIC	CONDUCTOR CRIMP HEIGHT (SECT C-1) WIRE C-1	CONDUCTOR CRIMP HEIGHT (SECT C-1) WIRE C-1	CONDUCTOR CRIMP HEIGHT (SECT C-1) WIRE C-1	INSULATION CRIMP HEIGHT (SECT D-3) WIRE D-3	INSULATION CRIMP HEIGHT (SECT D-3) WIRE D-3	INSULATION CRIMP HEIGHT (SECT D-1) WIRE D-1	INSULATION CRIMP HEIGHT (SECT D-1) WIRE D-1	INSULATION CRIMP HEIGHT (SECT D-1) WIRE D-1	INSUL GRIP FORM TYPE DESIG
US	22		0.35		1.40	1.30	2.05	1.95	1.95	2.60			2
CS	22		0.75/1.09		1.50	1.30/1.50		4.20*	4.15/4.20*				2
US	22		0.30		1.30	1.25	2.45	4.05*	4.05				2
US	18		0.75/1.09		1.50	1.30/1.50		2.35	2.35/2.45				2
US	20		0.30		1.30	1.25		2.20	2.20				2
													OPTION 2
CS	14		2.00/2.50		1.95	1.75/1.80		5.00*	4.80/5.00*				2
			1.50		1.80	1.70		4.05/4.35	4.50*				2
US	14		2.00/2.50		1.95	1.75/1.80		3.20	3.10/3.25				2
US	14		1.50		1.80	1.70		2.90	2.90				2
US	21/19/20		21.0/19.0/18.5	1.50 ± 0.22	1.90 ± 1.80/1.80 ± 1.60*	3.25		3.74	3.74 ± 0.34	4.30*			OPTION 1
CS	N/A		N/A		1.80	1.80	3.45	N/A	N/A	5.20			2
CS	N/A		2.5		N/A	N/A		N/A	N/A	N/A			2
CS	12		5.00/6.00		2.45	2.40/2.50*		5.50*	5.5/5.5*				OPTION 2
CS	12		4.00		2.20	2.05	3.85	5.30*	5.20*				2
US	5.00/6.50		2.45		2.40/2.50*			3.70	4.20				1
US	12		4.00		2.20	2.30		4.20	4.20	4.35			OPTION 1

* NOT VERIFIED TO USCAR-21

STANDARD "B" FORM TOOLING DESIGN FOR CONDUCTOR CRIMP

STAND

M

CRIMP WIDTH	CORE/INSULATION OPTION	5		4		3		2		1	
		E	F	G	H	I	J	K	L	M	N
2.03	CONDUCTOR	---	0.92	0.53	0.12	2.56	1.99	---	1.97	---	---
2.45	CONDUCTOR	---	1.09	0.63	0.16	3.06	2.38	---	2.36	---	---
2.60	INSULATION	2	---	---	---	---	---	0.60	---	0.16	3.25
2.80	INSULATION	2	---	---	---	---	---	0.60	---	0.10	3.50
3.05	CONDUCTOR	---	1.36	0.79	0.22	3.81	2.96	---	---	---	---
3.25	CONDUCTOR	---	1.45	0.84	0.27	4.04	3.12	---	---	---	---
3.45	CONDUCTOR	---	1.54	0.88	0.24	4.31	3.35	---	3.32	---	---
3.60	INSULATION	2	---	---	---	---	---	0.60	---	0.25	4.50
3.85	CONDUCTOR	---	1.72	0.99	0.28	4.61	3.70	---	---	---	---
4.10	INSULATION	2	---	---	---	---	---	0.60	---	0.32	5.12
4.30	INSULATION	1	---	---	---	---	---	0.60	---	0.30	5.38
4.35	INSULATION	1	---	---	---	---	---	1.10	---	0.38	5.10
5.20	INSULATION	2	---	---	---	---	---	1.00	---	0.40	5.50
5.80	INSULATION	2	---	---	---	---	---	1.00	---	0.47	6.10

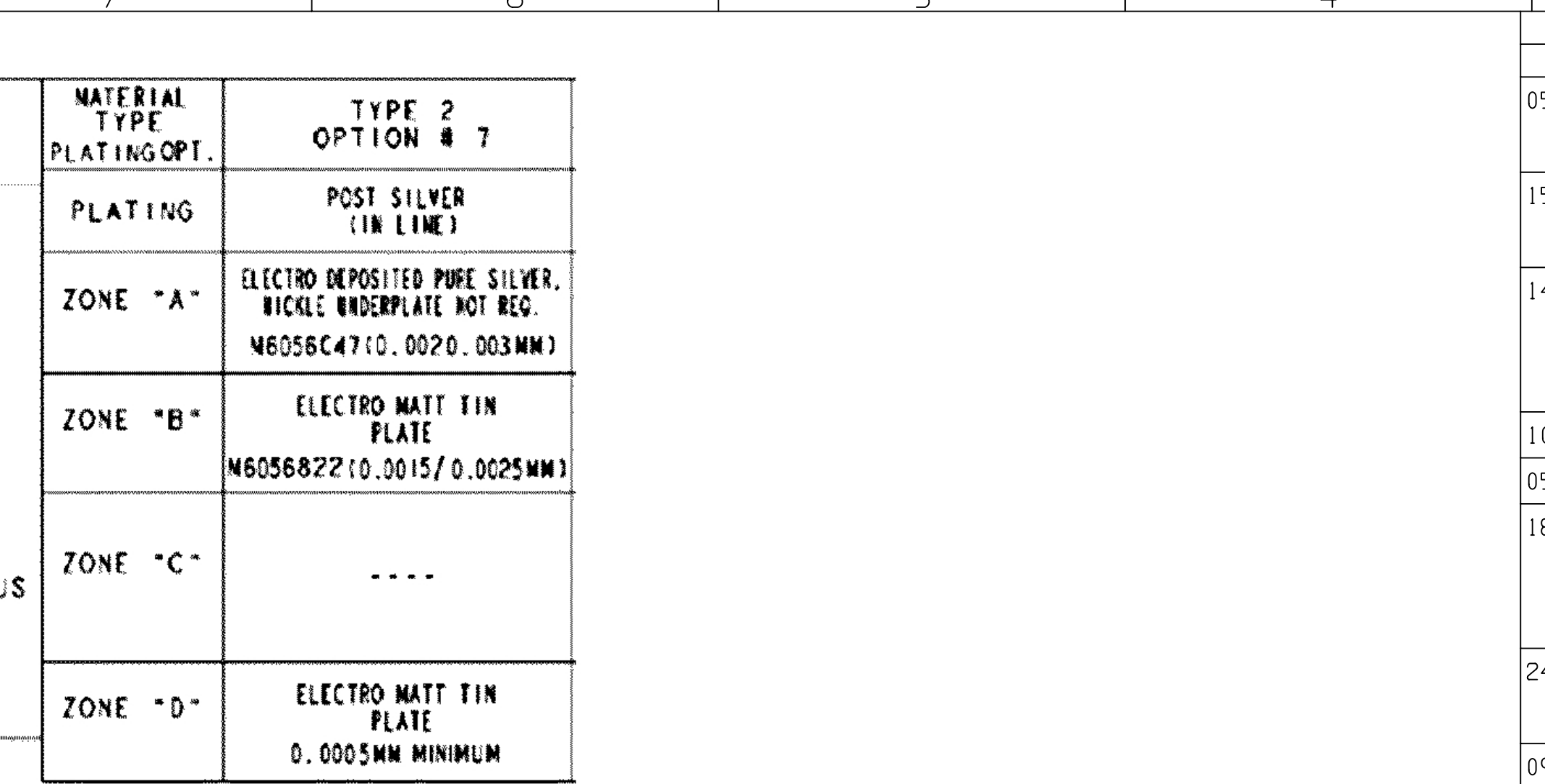
CRIMP TOOL INFORMATION (REF. ONLY)

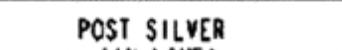
CRIMP TOOLING DESIGN
INSULATION CRIMP OPTION 1

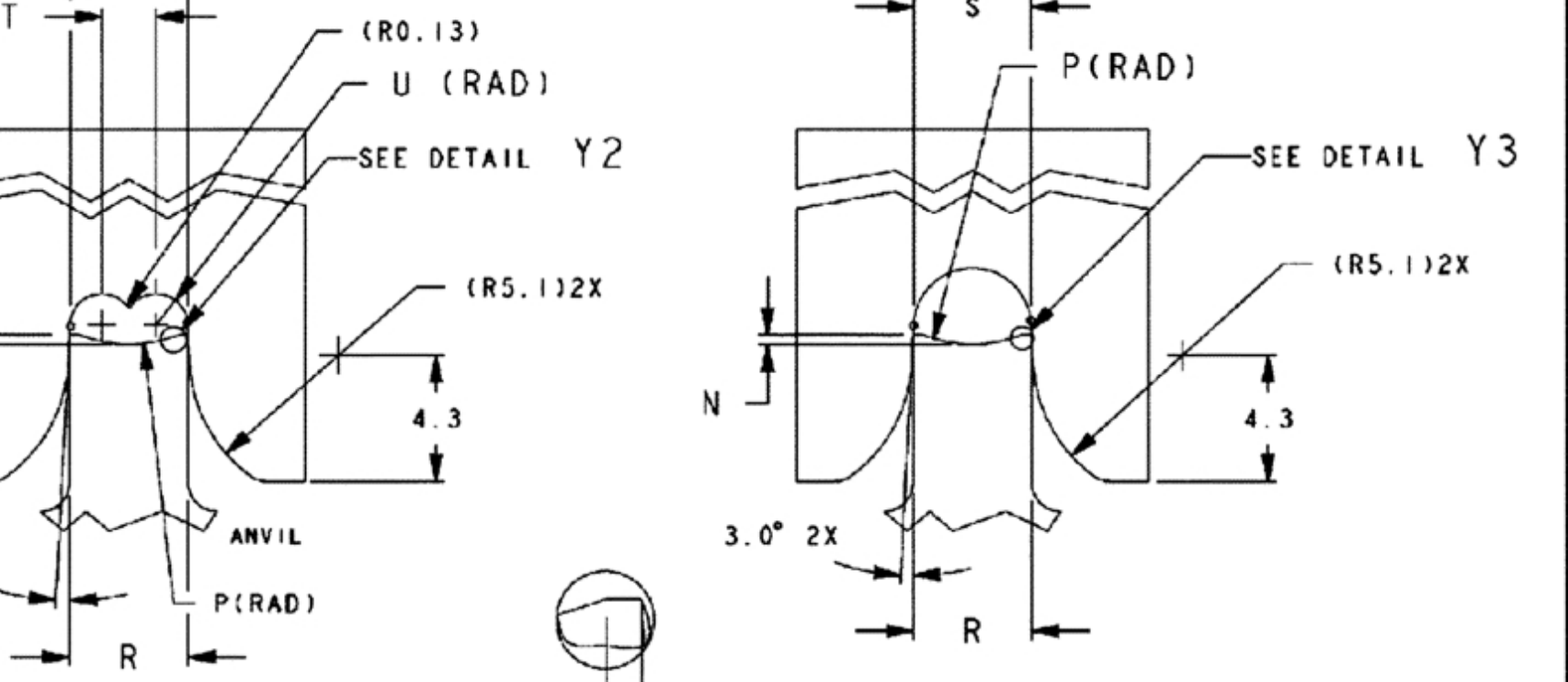
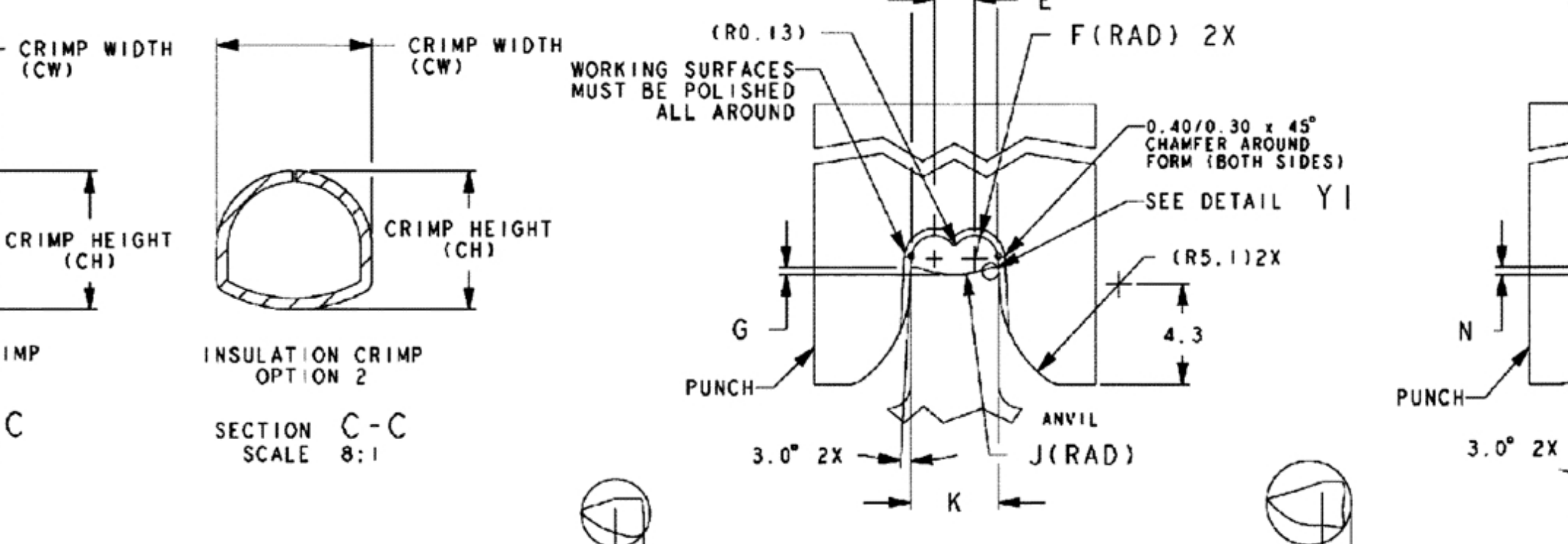
S

CRIMP TOOLING DESIGN
INSULATION CRIMP OPTION 2

D



MATERIAL TYPE	OPTION 1	OPTION 2	OPTION 3	OPTION 4	OPTION 5	OPTION 6	OPTION 7	C3AMP WIDTH (C3W)	
PLATING OPT	TYPE 1 POST GOLD FLASH PALLADIUM (SHORTING NOT BAR)	TYPE 2 POST GOLD FLASH (SHORTING BAR)	TYPE 3 POST HEAVY PALLADIUM-GOLD FLASH (THIN LINE)	TYPE 4 POST PALLADIUM-GOLD (THIN LINE)	TYPE 5 PRE-HOT TIN (THIN LINE)	TYPE 6 PRE-TIN/SILVER (THIN LINE)	TYPE 7 POST SOLDER (THIN LINE)		
ZONE "A"	SALMATE BUTTLE NICKEL	SALMATE BUTTLE NICKEL	SALMATE BUTTLE NICKEL	SALMATE BUTTLE NICKEL	HOT DIP TIN PLATE	TIN SILVER PLATE	POST SOLDER NICKEL INDESPINABLE NOT REQ.		
ZONE "B"	ELECTRO MATT TIN PLATE (SEE PREVIOUS PLATING NOTE)	ELECTRO MATT TIN PLATE (SEE PREVIOUS PLATING NOTE)	ELECTRO MATT TIN PLATE (SEE PREVIOUS PLATING NOTE)	ELECTRO MATT TIN PLATE (SEE PREVIOUS PLATING NOTE)	HOT DIP TIN PLATE	TIN SILVER PLATE	ELECTRO MATT TIN PLATE		
ZONE "C"	C-2 C-3 PLATE WITH HARD GOLD CAP OVER PURE PALLADIUM	C-2 C-3 PLATE WITH HARD GOLD CAP	C-2 ONLY: PLATE WITH HARD GOLD CAP OVER PURE PALLADIUM	C-2 ONLY: PLATE WITH HARD GOLD CAP OVER PURE PALLADIUM				CONDUCTOR CRIMP SECTION SCALE: 8:1	INSULATION SECTION SCALE: 8:1
ZONE "D"	REDUCED NICKEL THK TO VISUAL PRESENCE FOR MIN. REPORT ACTUAL THK TYPICAL POINT C	REDUCED NICKEL THK TO VISUAL PRESENCE FOR MIN. REPORT ACTUAL THK TYPICAL POINT C	REDUCED NICKEL THK TO VISUAL PRESENCE FOR MIN. REPORT ACTUAL THK TYPICAL POINT C	REDUCED NICKEL THK TO VISUAL PRESENCE FOR MIN. REPORT ACTUAL THK TYPICAL POINT C	HOT DIP TIN PLATE	TIN SILVER PLATE	ELECTRO MATT TIN PLATE		

[illegible]

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TO TANGENT:
TANGENT POINT SHOULD MATCH
TOP AND BOTTOM:

DETAIL Y1

DETAIL Y2

0.30 FLAT 2X

0.30 FLAT 2X

1.25 ± .03

1.25

SHAPE AND LOCATION VARY—
FOR CABLE SIZE ONLY

(A) DATE CODE
THIS SIDE

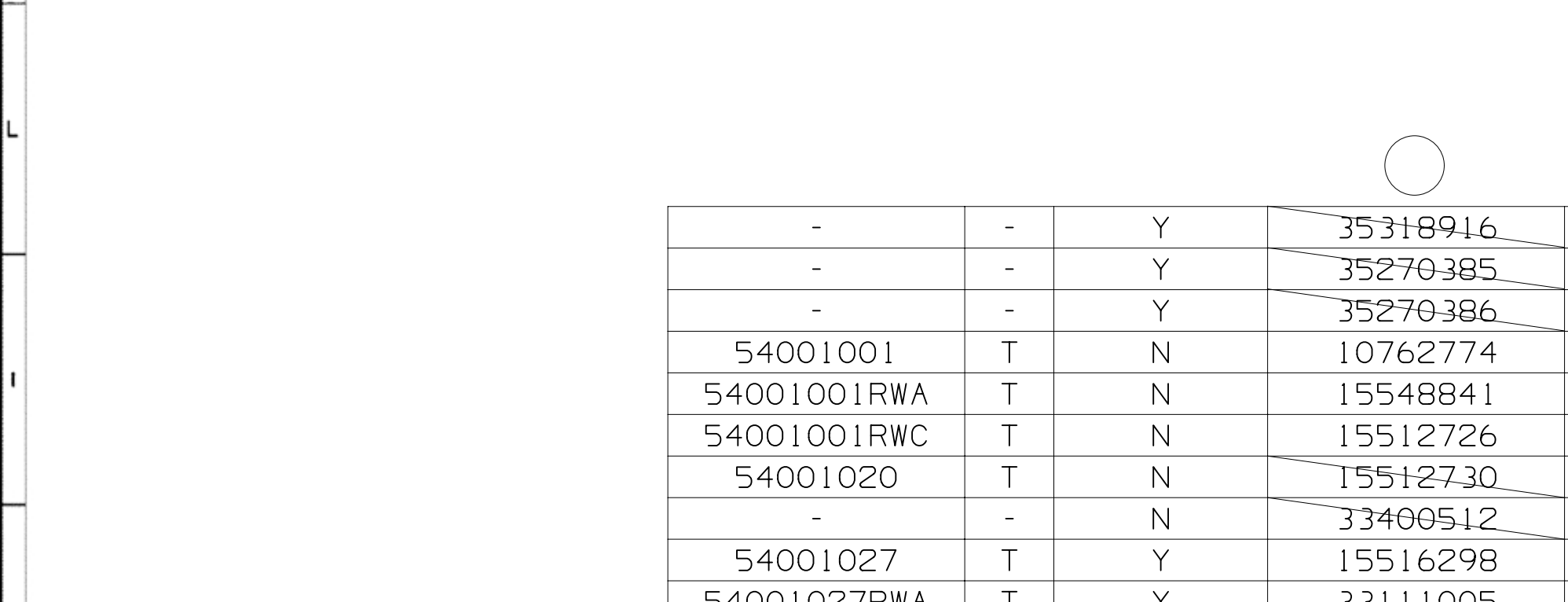
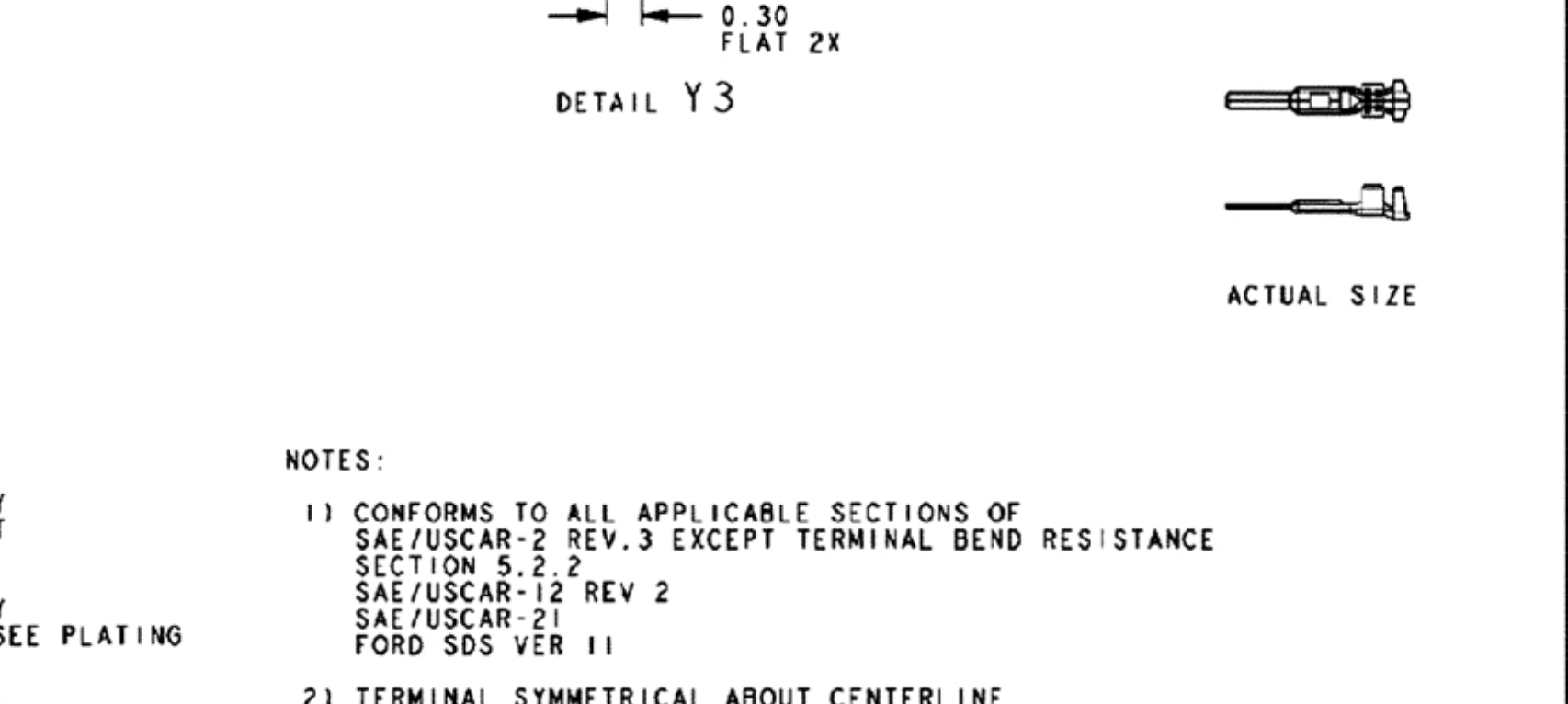
(B) GRIP CODE
FAR SIDE

(C) BE FREE
AND SHARP

MATERIALS:

MATERIAL TYPE 1: COPPER ALLOY
PRE STRESS SEE PLAYING CHART
FOR INFORMATION

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



01	-	M6565J00	5	-	-	-	-
01	AB	M6565J00	5	-	-	-	-
01	AB	M6565J00	5	-	-	-	-
03	AA	M6565J00	5	-	-	-	-
01	AA	10762774	-	-	-	-	-
01	AB	10762774	-	-	-	-	-
01	AE	15519823	3	15519823	01	AD	M6564J00
01	AE	33511843	7	33511843	01	AC	M6564J00
01	AB	M6565J00	5	-	-	-	-
01	AB	M6565J00	5	-	-	-	-

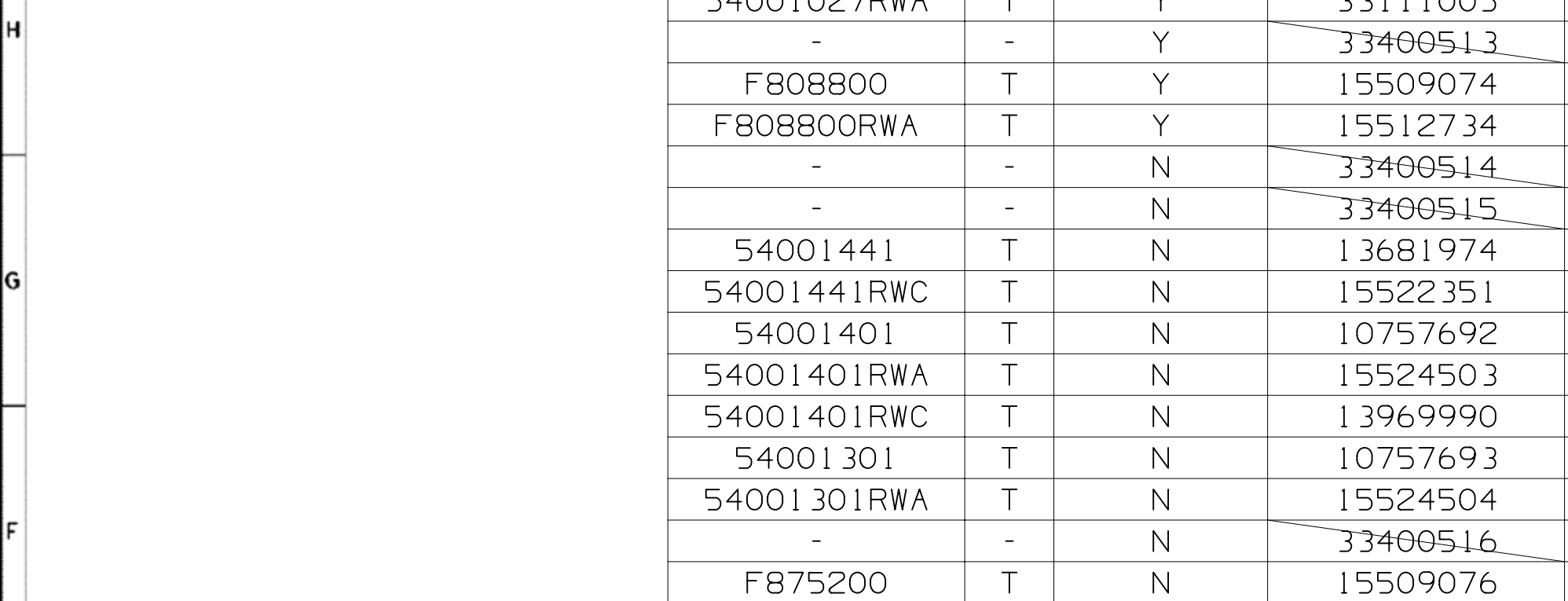
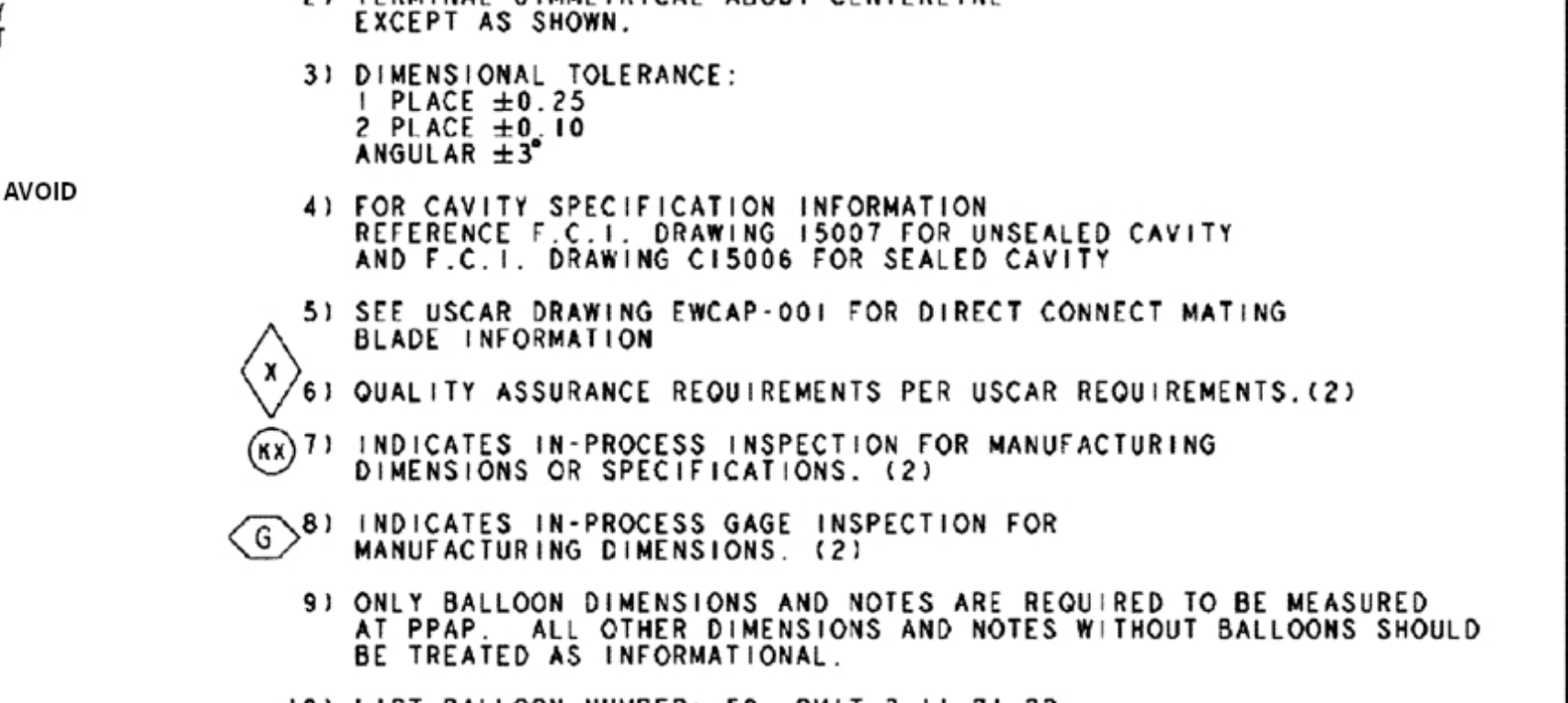
H	
G	

MATERIAL: TYPE 304 COPPER ALLOY
FRE PLATED. SEE PLATING CHART FOR INFORMATION

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.

The technical drawing shows a side view of a mechanical component with various dimensions labeled with circled numbers:
 - (1) Overall length.
 - (2) Distance from left end to first feature.
 - (3) Diameter of the first cylindrical section.
 - (4) Diameter of the second cylindrical section.
 - (5) Distance between the two cylindrical sections.
 - (6) Diameter of the third cylindrical section.
 - (7) Distance from the right end to the start of the third section.
 - (8) Total width of the flange at the right end.
 - (9) Thickness of the flange.
 - (10) Width of the central slot.
 - (11) Depth of the central slot.
 - (12) Vendor ID & Die No.

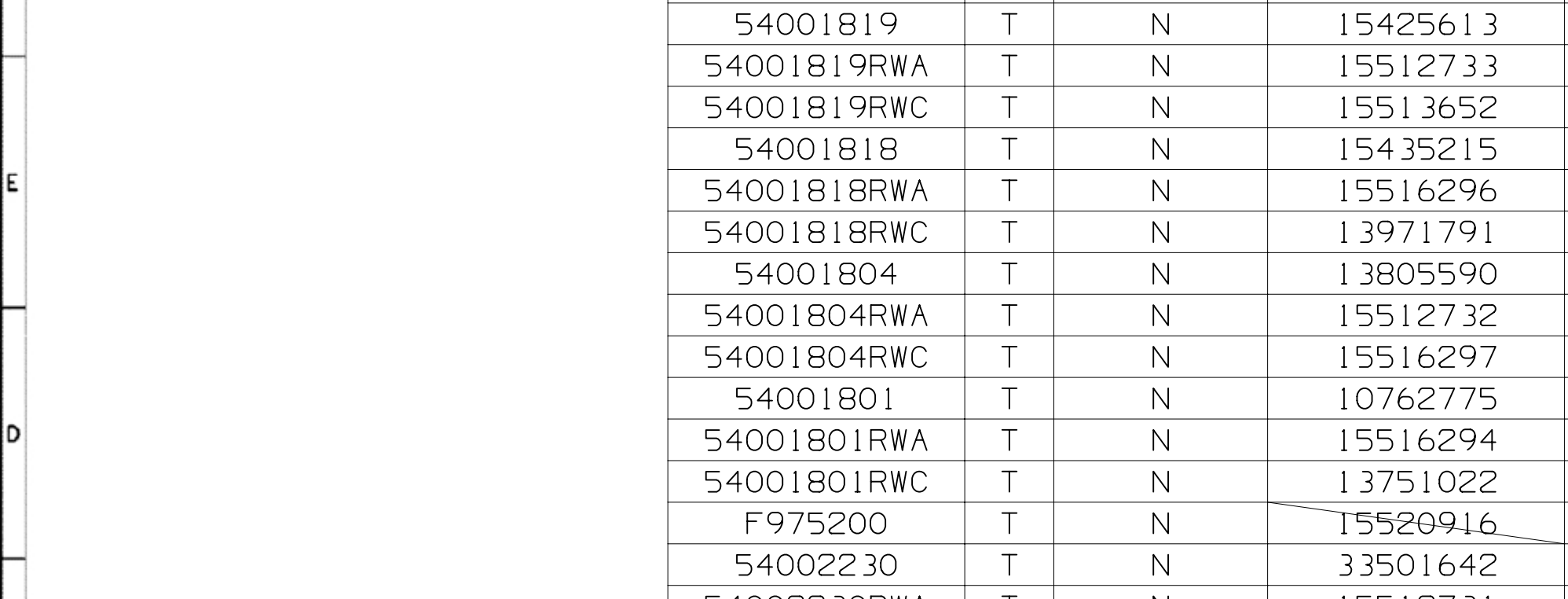
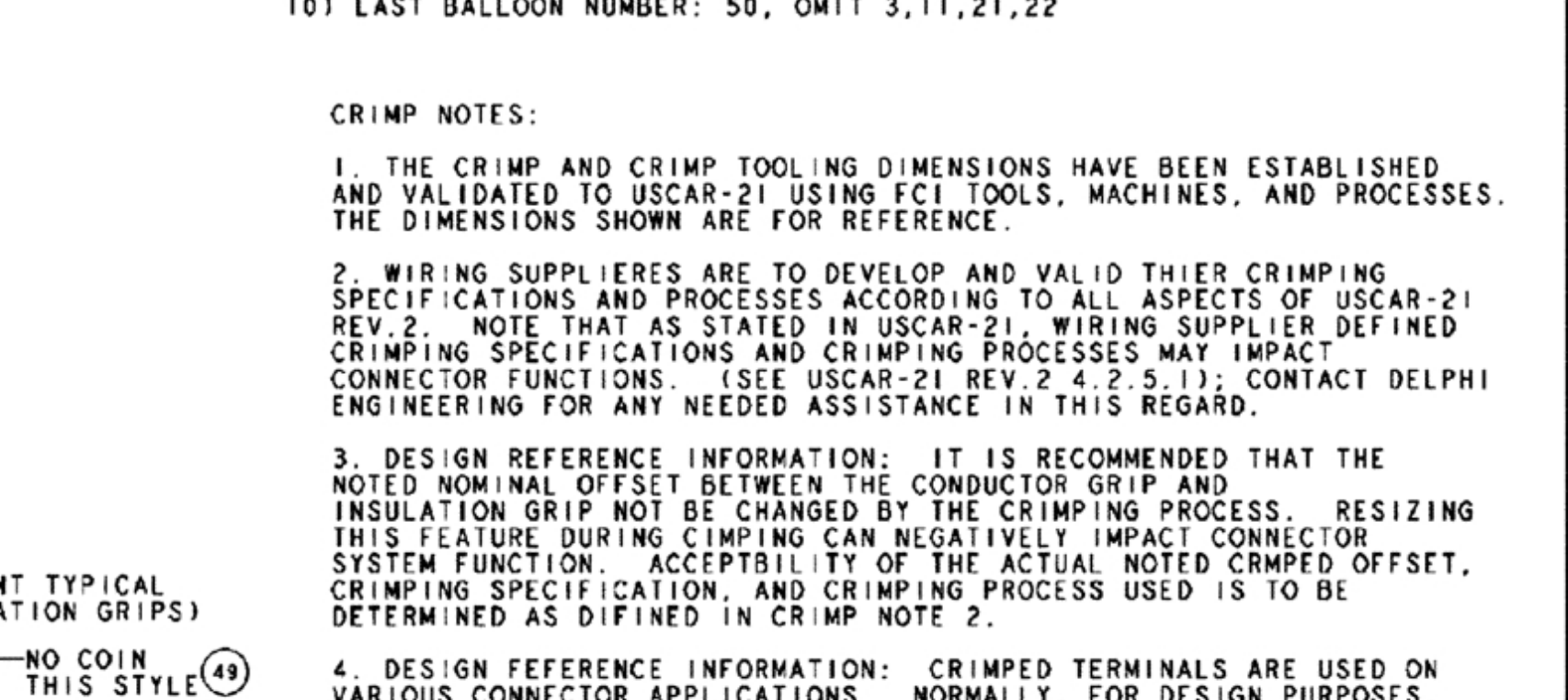


01	AD	33511844	7	33511844	01	AB	M6564J00
01	AC	M6565J00	5	-	-	-	-
01	AC	15509074	-	-	-	-	-
01	AD	33511841	7	33511841	01	AB	M6564J00
01	AD	33511842	4	33511842	01	AB	M6564J00
01	AC	15519825	3	15519825	01	AB	M6564J00
01	AC	13681974	-	-	-	-	-
03	AG	M6565J00	5	-	-	-	-
01	AB	10757692	-	-	-	-	-
01	AB	10757692	-	-	-	-	-
03	AB	M6565J00	5	-	-	-	-
01	AB	10757693	-	-	-	-	-
01	AD	33511840	7	33511840	01	AC	M6564J00
01	AC	15520221	4	15520221	01	AB	M6564J00

SECTION A-A

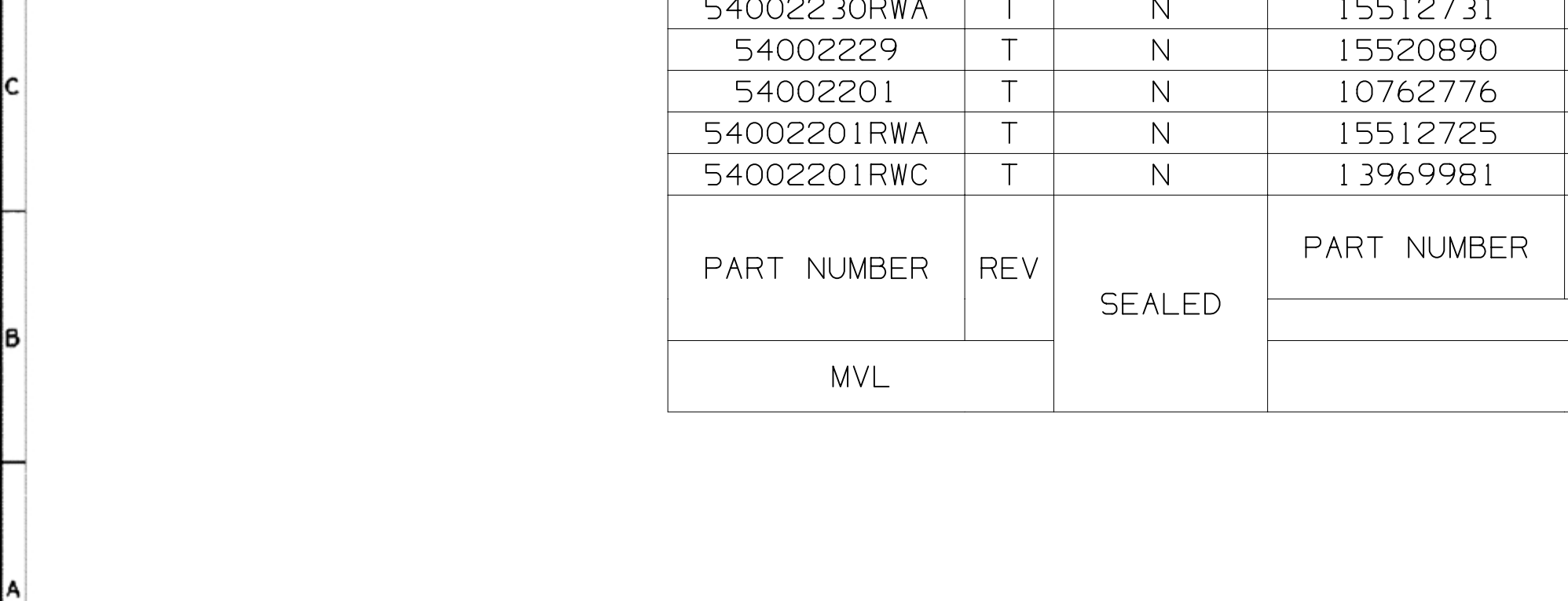
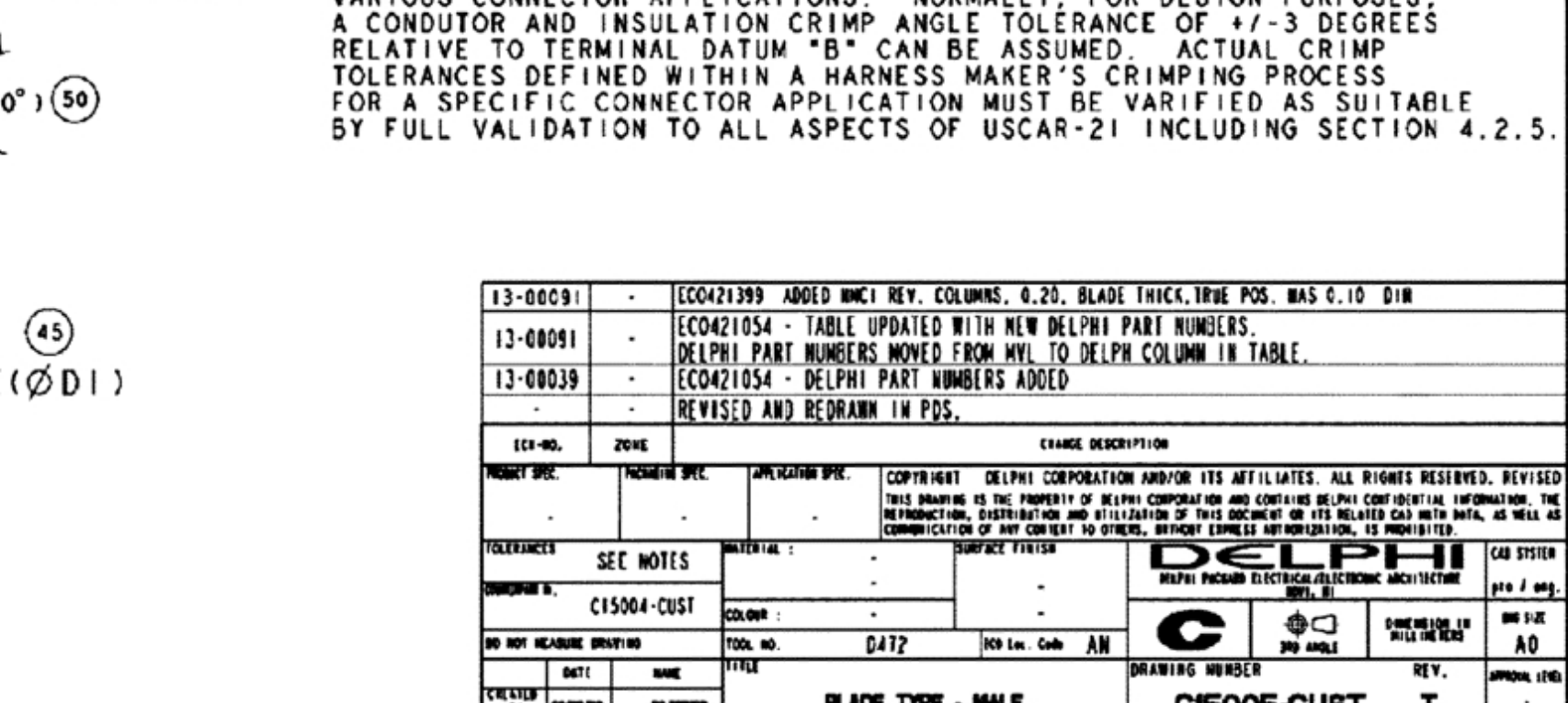
MAX. CUTOFF PERMISSIBLE

0.5 MAX. MIN. GAL. INCHES (ALL INSULA)



02	AC	15519829	2	15519829	01	AB	M6564J00
01	AC	15425613	-	-	-	-	-
01	AC	15425613	-	-	-	-	-
01	AC	15519827	3	15519827	01	AB	M6564J00
01	AC	15435215	-	-	-	-	-
01	AC	15435215	-	-	-	-	-
01	AC	15519824	1	15519824	01	AB	M6564J00
01	AC	13805590	-	-	-	-	-
01	AC	13805590	-	-	-	-	-
03	AB	M6565J00	5	-	-	-	-
01	AB	10762775	-	-	-	-	-
01	AB	10762775	-	-	-	-	-
01	AD	15520917	4	15520917	01	AC	M6564J00
01	AC	33511839	3	33511839	01	AA	M6564J00

E
D



01	AC	33501642	-	-	-	-	
01	AD	15920918	2	15520918	01	AB	M6564J00
03	AG	M6565J00	5	-	-	-	-
01	AB	10762776	-	-	-	-	-
01	AD	10762776	-	-	-	-	-
REV	N/P	MAT'L SPEC	PLATING PROCESS OPTION	PART NUMBER	REV	N/P	MAT'L SPEC
PLATED				UNPLATED			
APTIV							

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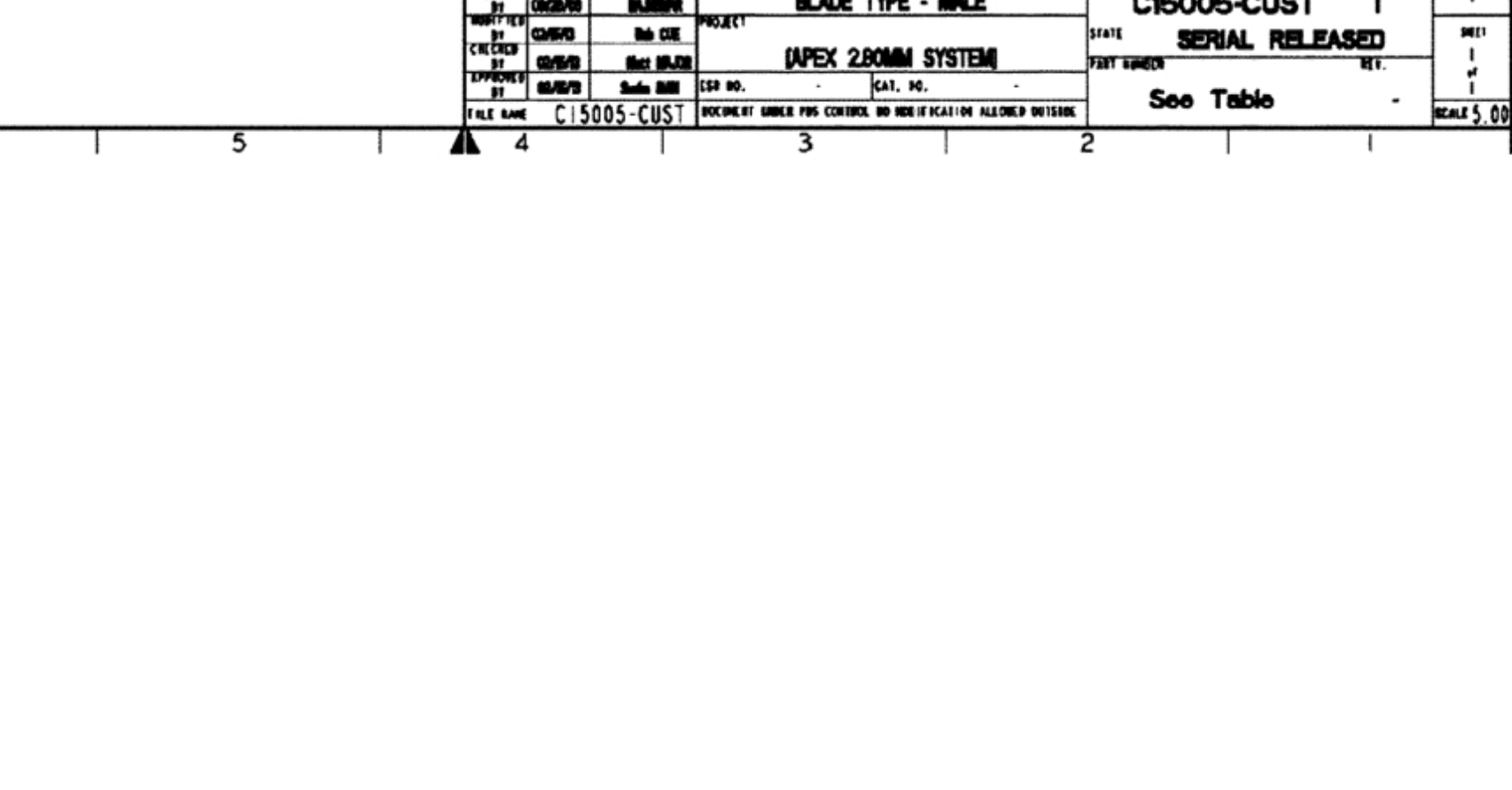
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NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

DIMENSIONS ARE TO FACE OF VIEW SHOWN AND
AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION
(SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL
OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL
BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

TOLERANCE UNLESS OTHERWISE SPECIFIED:
DECIMAL: ANGULAR: SEE DWG

[illegible]

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