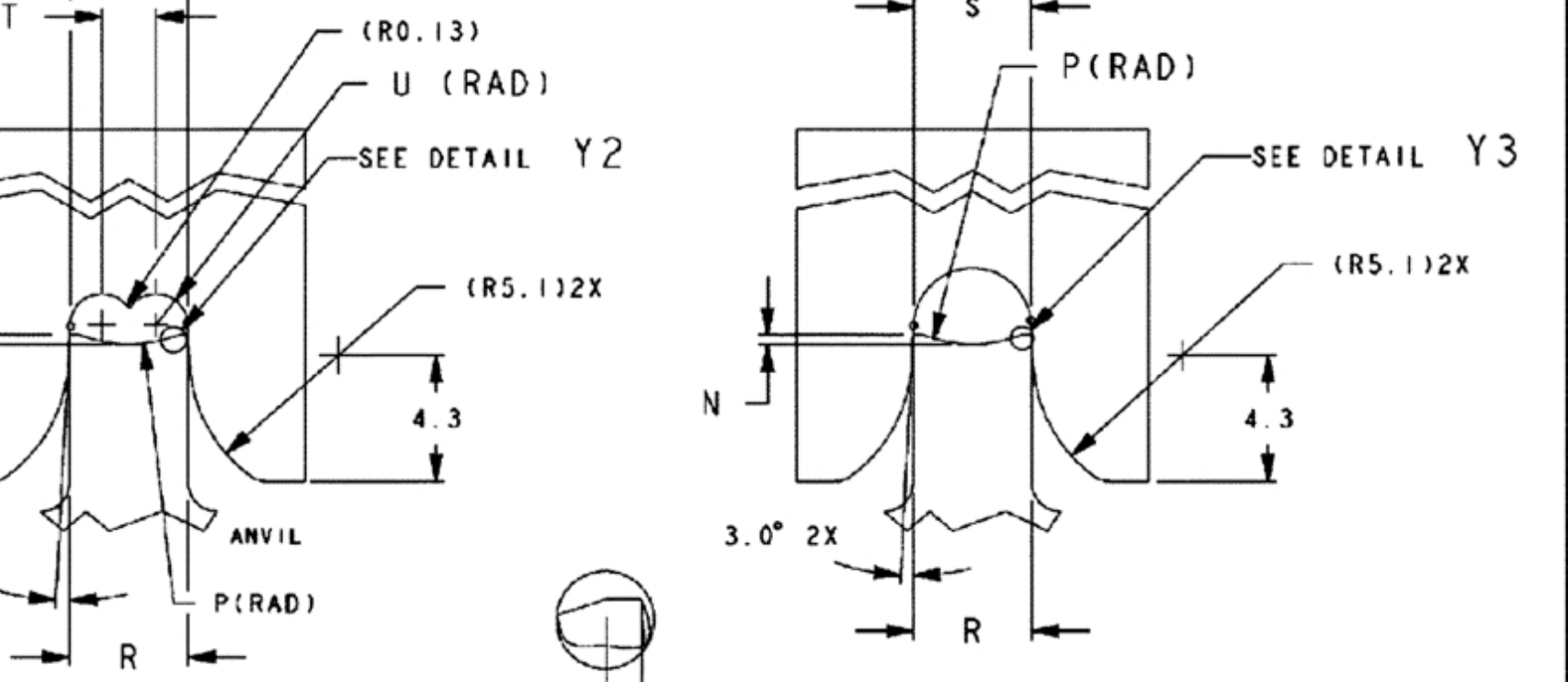
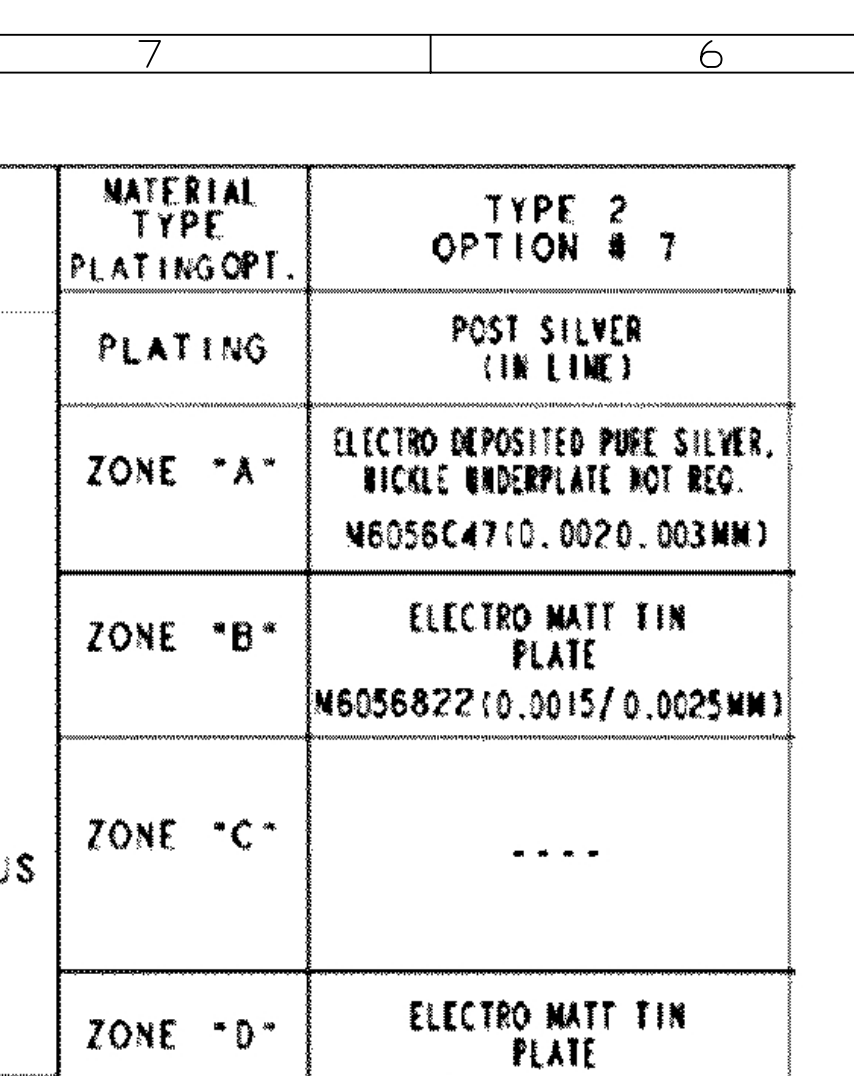


12		11		10		9		8		7		6		5	
CABLE A (SEAL C-1) (UNSEAL US)	WIRE SPEC ANG	WIRE SPEC ANG	WIRE SPEC METRIC	CONDUCTOR CRIMP HEIGHT (C-1) (1.7-1.95)	CONDUCTOR CRIMP HEIGHT (C-1) (1.7-1.95)	CONDUCTOR CRIMP HEIGHT (C-1) (1.7-1.95)	INSULATION CRIMP HEIGHT (D-1) (1.7-1.95)	INSULATION CRIMP HEIGHT (D-1) (1.7-1.95)	INSULATION CRIMP W/TH (D-1) (1.7-1.95)	INSULATION CRIMP PUNCH (D-1) (1.7-1.95)	INSULATION CRIMP PUNCH (D-1) (1.7-1.95)	INSULATION CRIMP PUNCH (D-1) (1.7-1.95)	INSULATION CRIMP PUNCH (D-1) (1.7-1.95)	INSULATION CRIMP PUNCH (D-1) (1.7-1.95)	INSULATION CRIMP PUNCH (D-1) (1.7-1.95)
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*						
	20			1.30	1.25		4.05*	4.05							
US	20		0.75/1.00	1.50	1.30/1.50		2.35	2.35/2.45	2.80						
	22		6.50	1.30	1.25		2.20	2.20							
CS	18		2.80/2.50	1.95	1.75/1.90		5.50*	5.40/5.50*	5.70*						
US	15		1.50	1.90	1.70	3.05	4.50/2.50*	4.50*							
US	14		2.80/2.50	1.95	1.75/1.90		3.20	3.10/3.25	3.60						
US	16		1.50	1.80	1.70		2.00	3.00							
US 2118/2021			21.0-0.31	1.00-1.60*	1.90-1.60*	3.25	3.7-2.30*	3.7-2.30*	4.30*						
CS	N/A		2.5	N/A	1.60	3.45	N/A	N/A	N/A						
CS	N/A		2.5	N/A	1.60	3.45	N/A	N/A	N/A						
CS	10		5.00/6.20	2.50	2.40/2.60	3.65	5.30*	5.7/5.9*	5.80*						
CS	12		5.00/6.20	2.20	2.55		5.30*	5.7/5.9*							
CS	12		5.00/6.20	2.45	2.40/2.60		3.70	4.30							
US	12		4.00	2.20	2.30		4.20	4.35							

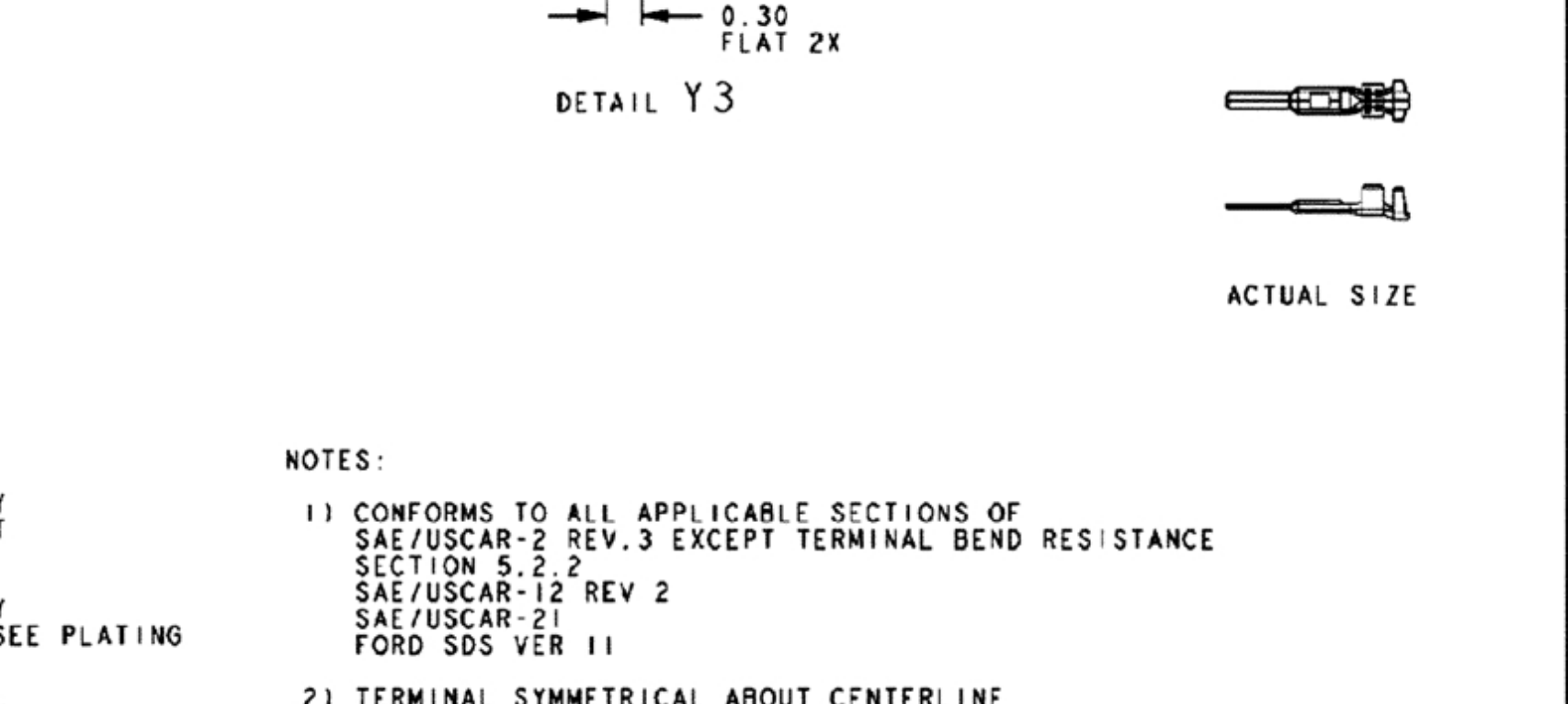
* NOT VERIFIED TO USCAR-21

STANDARD "B" FORM TOOLING DESIGN
CONDUCTOR CRIMP

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523
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	0.0005MM MINIMUM
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[illegible]

-	-	Y	35316916
-	-	Y	35270385
-	-	Y	35270386
54001001	T	N	10762774
54001001RWA	T	N	15548841
54001001RWC	T	N	15512726
54001020	T	N	15512730
-	-	N	23400512
54001027	T	Y	15516298
54001027RWA	T	Y	

01	-	M6565.J00	5	
01	AB	M6565.J00	5	
01	AB	M6565.J00	5	
03	AH	M6565.J00	5	
01	AA	10762774	-	
01	AB	10762774	-	
01	AE	155119823	3	
01	AE	33511843	7	
01	AB	M6565.J00	5	
01	AA	15516209		

(5)

(12) 2.86
2.86
Φ 0.1050 (A19) (15)

(10) (2.00)

(9)

(13) 300

(14) VENDOR I.D & DIE NO.

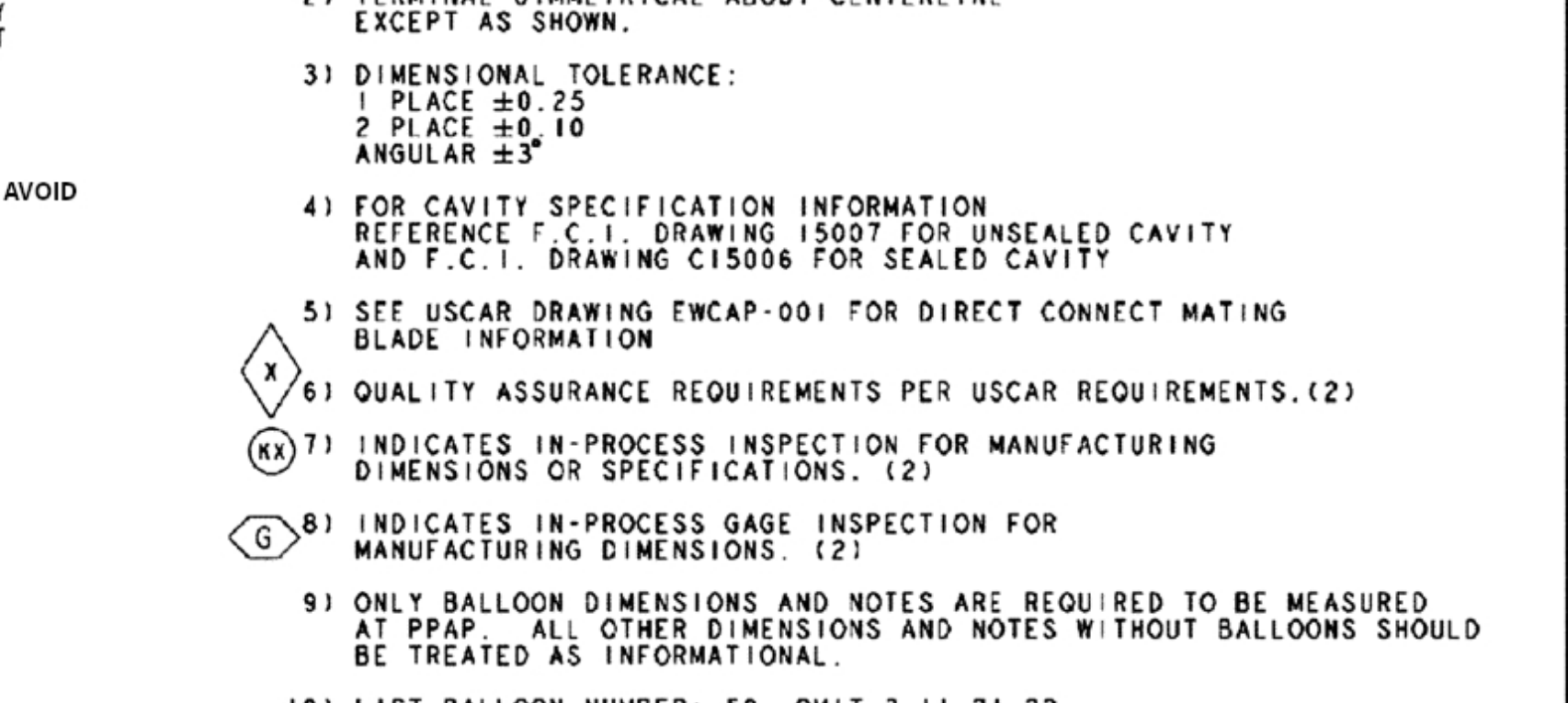
(18) (V)

(17) (W)

MATERIAL TYPE 3: COPPER ALLOY
PVC PLATED. SEE PLATING CHART
FOR INFORMATION

PRECISION 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.



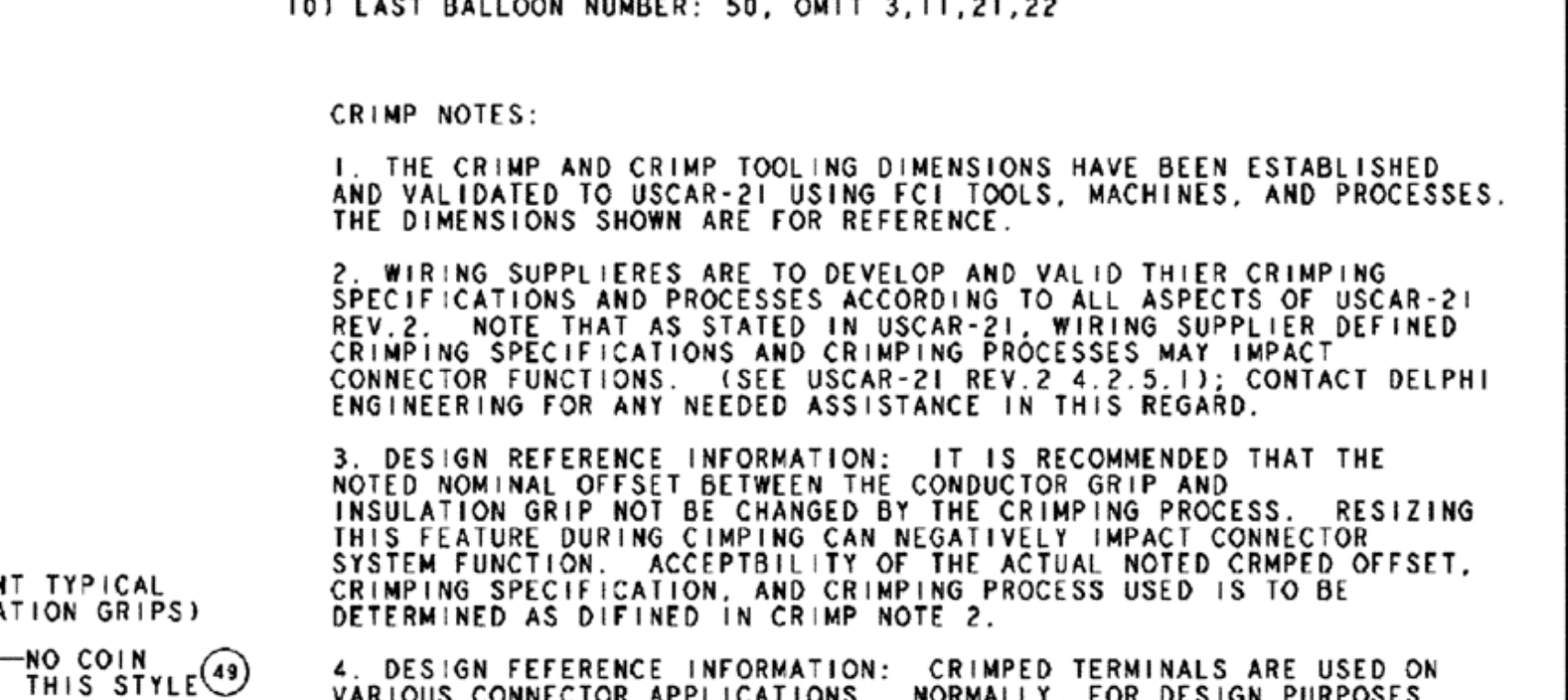
54001021RWA	-	Y	33400513
F808800	T	Y	15509074
F808900RWA	T	Y	15512734
-	-	N	33400514
-	-	N	33400515
540011441	T	N	13691974
540011441RWC	T	N	15522351
540011401	T	N	10757692
540011401RWA	T	N	15524503
540011401RWC	T	N	13699990
54001301	T	N	15576793
54001301RWA	T	N	15524504
-	-	N	33400516
F875200	T	N	15509076

01	AR	13518298	
01	AD	33511844	7
01	AC	M6565J00	5
01	AC	15509074	-
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

SECTION A-A

MAX. CUT-OFF PERMISSIBLE

0.5 MAX. METAL GRACE (ALL INSUL.)



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
54001801RWA	T	N	15516294
54001801RWC	T	N	13751022
F975200	T	N	15520416
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

The image contains two technical drawings of electrical components.

SECTION C-C INSULATION GRIP SINGLE WIRE

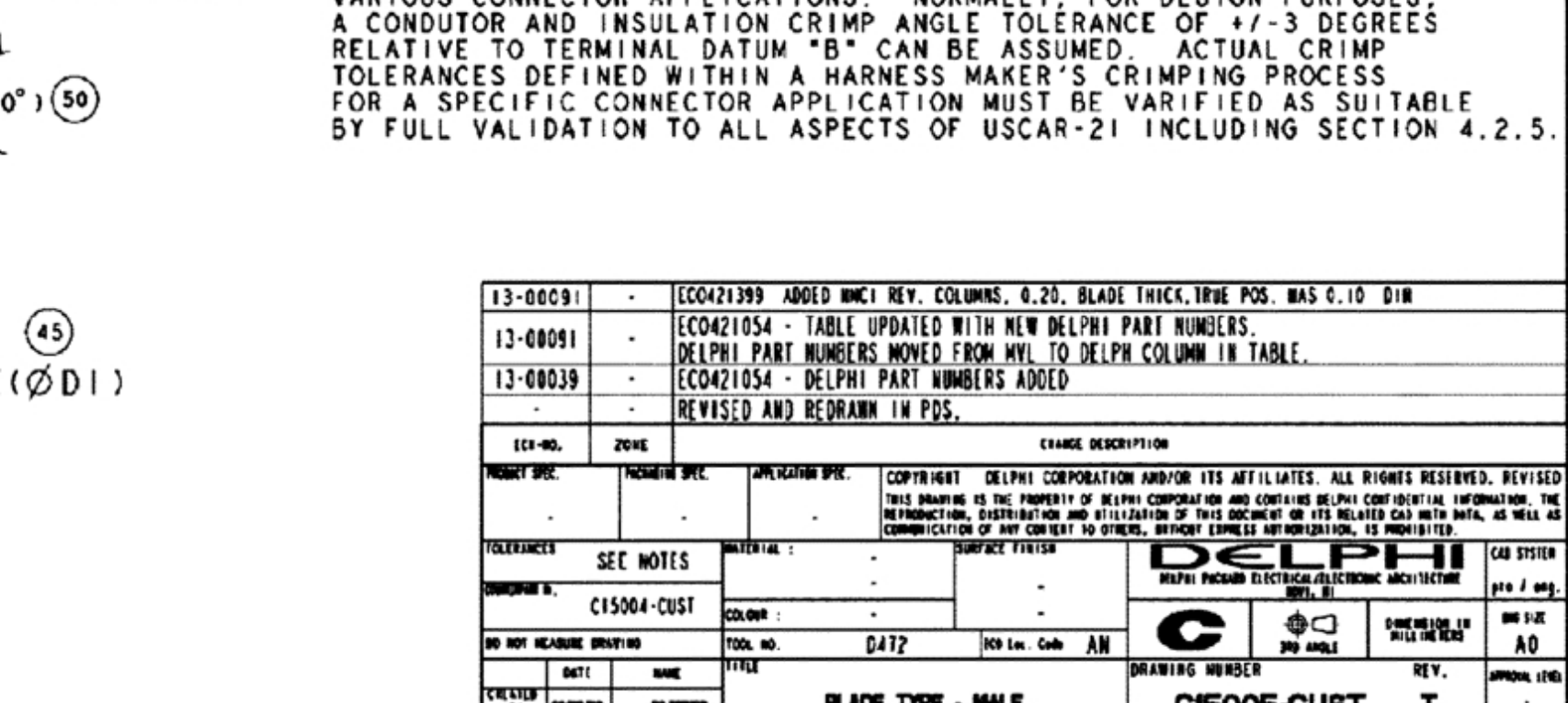
This drawing shows a cross-section of a single wire with a V-shaped insulation grip. Key dimensions and labels include:

- 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 Left:** 0.125 (D1/2), (D1), (D2)
- Bottom Right:** 0.125 (D1/2), (D1), (D2)
- Section Line:** SECTION C-C
- Caption:** SECTION C-C INSULATION GRIP SINGLE WIRE

SECTION C-C INSULATION GRIP CABLE SEAL

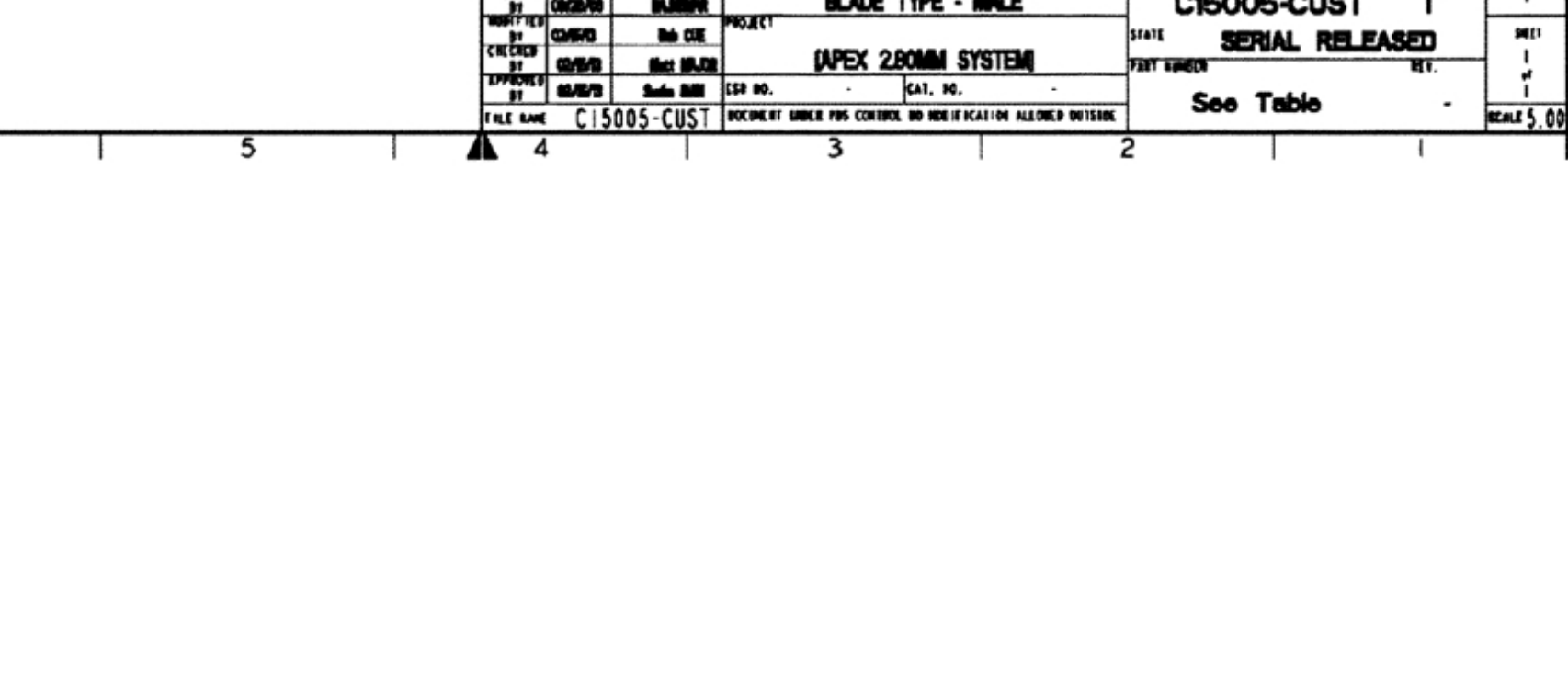
This drawing shows a cross-section of a cable seal with a V-shaped insulation grip. Key dimensions and labels include:

- Top Left:** 0.125 (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 Left:** 0.125 (D1/2), (D1), (D2)
- Bottom Right:** 0.125 (D1/2), (D1), (D2)
- Section Line:** SECTION C-C
- Caption:** SECTION C-C INSULATION GRIP CABLE SEAL



54002230RWA	T	N	15512731
54002239	T	N	15520890
54002201	T	N	10762776
54002201RWA	T	N	15512725
54002201RWC	T	N	13969981
PART NUMBER	REV	SEALED	PART NUMBER
MVL			

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				



NOTES

1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE AUTOMATICALLY IN INCHES. (SEE MATH MANUAL FOR OTHER DIMENSIONS.)
BUILD, SEE MATH MANUAL.

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 1
OTHERWISE

	DECIMAL:
	TWO PLACE:
	THREE PLACE:

THIS DRAWING THROUGHOUT FROM SUBMITTAL INDICATES THAT PHYSICAL TESTS ARE NOT AVAILABLE FOR ORDERING. THIS DRAWING IS NOT TO BE USED TO MAKE A PHYSICAL INDICATE THAT PHYSICAL PROFILES ARE AVAILABLE FOR ORDERING. CONTACT APTIV SERVICES TO ACQUIRE AVAILABILITY.	• APTIV • CONNECTION SYSTEMS APRIL 2013 COPYRIGHT 2013 APTIV. ALL RIGHTS RESERVED. THIS DRAWING IS THE PROPERTY OF APTIV AND CONTAINING APTIV CONFIDENTIAL INFORMATION. THE INFORMATION, REPRODUCTION, DISTRIBUTION, OR UTILIZATION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF APTIV IS STRICTLY PROHIBITED. NO COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT THE WRITTEN PERMISSION OF APTIV, IS PROHIBITED.								
DATE: _____ PART DRAWING	DATE: _____								
STYLE: _____	DATE: _____								
VOLUME: _____ ORDER CODE: _____	FOR: _____								
UNLESS OTHERWISE SPECIFIED THIS DOCUMENT IS IN ACCORDANCE WITH THE IEC 60364-5:2011 AS AMENDED BY THE IEC 60364-5:2011/AM1:2012 AND THE IEC 60364-5:2011/AM2:2013. FOR THE PURPOSES OF THIS DRAWING, THE IEC 60364-5:2011/AM1:2012 AND THE IEC 60364-5:2011/AM2:2013 SHALL BE APPLIED SEPARATELY REGARDLESS OF DATUM REFERENCES.	APPROVED BY: JAVIER ESQUELVEL 14MR13 APPROVED BY: J. S. ALVARGADO 14MR13 APPROVED BY: GERARDO GOMEZ 14MR13 APPROVED BY: _____								
ALL DIMENSIONS ARE IN MILLIMETERS	SUBSTANCES IF CONCERN ARE RECYCLED CONTENT PER APTIV (CONFORM)								
REFERENCE: _____	IDENTIFY: SEE CHART								
THIRD ANGLE PROJECTION	DRAWING NUMBER: 10819199								
DO NOT SCALE USE MATH DATA	SIZE <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">A1</td> <td style="width: 25%;">SCALE</td> <td style="width: 25%;">FRAME NO</td> <td style="width: 25%;">SHEET NO</td> </tr> <tr> <td>1</td> <td>1 OF 2</td> <td>1</td> <td>1 OF 1</td> </tr> </table>	A1	SCALE	FRAME NO	SHEET NO	1	1 OF 2	1	1 OF 1
A1	SCALE	FRAME NO	SHEET NO						
1	1 OF 2	1	1 OF 1						

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