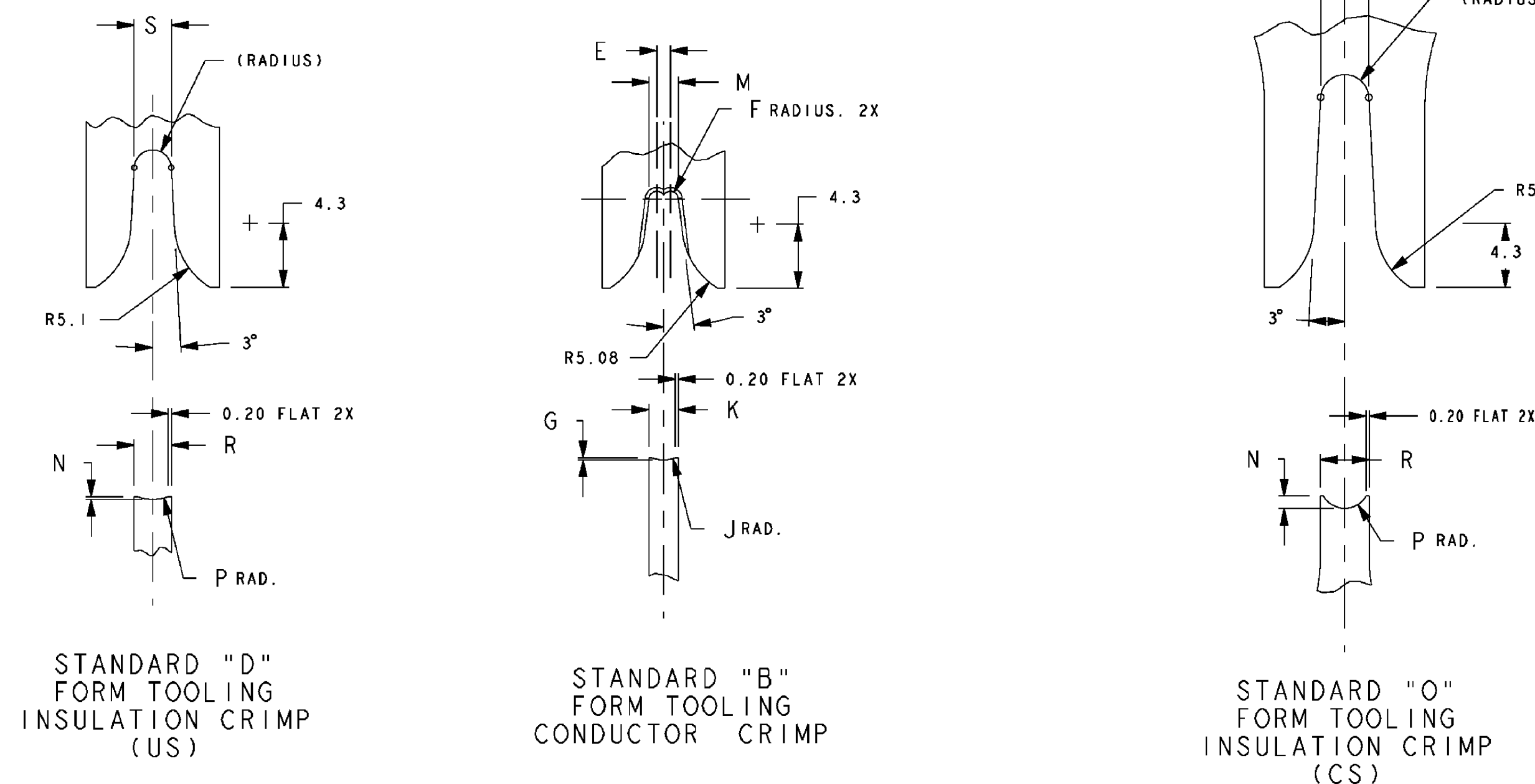
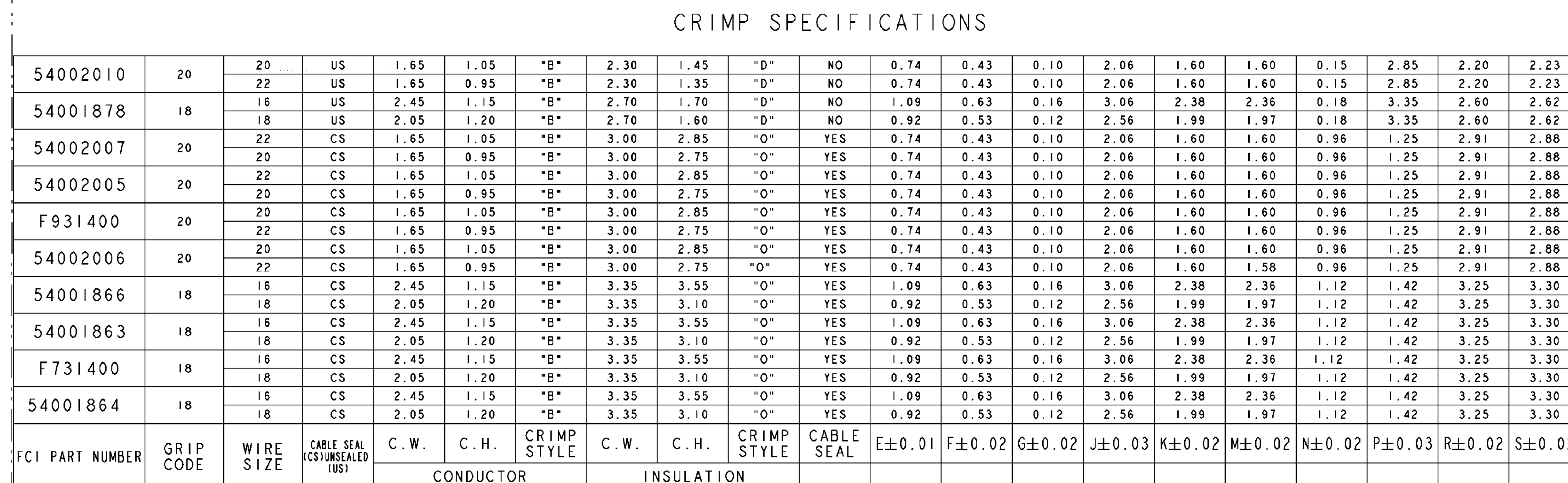




NOTE:
CUSTOMER REQUESTS FOR REWIND PARTS
WILL INCLUDE AN "RW_" AT THE END OF THE
BILL OF MATERIAL. (B.O.M.) [PART NUMBER.
EXAMPLE:
STANDARD WIND: FCI PART NUMBER
REVERSE WIND: FCI PART NUMBER THEN "RWA"
THIS PART NUMBER SYSTEM WILL BE AVAILABLE
FOR ALL CHARTED PART NUMBERS.

CRIMP NOTES:

1. THE CRIMP AND CRIMP TOOLING DIMENSIONS HAVE BEEN ESTABLISHED AND VALIDATED TO USCAR-21 USING CRIP TOOLS, MACHINES AND PROCESSES. THE DIMENSIONS SHOWN ARE FOR REFERENCE.
2. WIRING SUPPLIERS ARE TO DEVELOP AND VALIDATE THEIR CRIMPING SPECIFICATIONS AND PROCESSES ACCORDING TO ALL ASPECTS OF USCAR-21 REV. 2. NOTE THAT AS STATED IN USCAR-21 REV. 2, CRIMPING SPECIFICATIONS AND CRIMPING PROCESSES MAY VARY. SUCH VARIATIONS MAY IMPACT CONNECTOR FUNCTIONS. (SEE USCAR-21 REV. 2, 4.2.5.11); CONTACT CRIP ENGINEERING FOR ANY NEEDS ASSISTANCE IN THIS REGARD.
3. DESIGN REFERENCE INFORMATION: IT IS RECOMMENDED THAT THE NOTED DESIGNED OFFSET BETWEEN THE CONDUCTOR CRIP AND INSULATION GRIP NOT BE CHANGED BY THE CRIMPING PROCESS. RESIZING THIS FEATURE DURING CRIMPING CAN NEGATIVELY IMPACT CONNECTOR SYSTEM FUNCTION. ACCEPTABILITY OF THE ACTUAL DIMENSIONS OF THE CRIMPING SPECIFICATION, AND CRIMPING PROCESS USED IS TO BE DETERMINED AS DEFINED IN CRIMP NOTE 2.
4. DESIGN REFERENCE INFORMATION: CRIMPED TERMINALS ARE USED ON VARIOUS CONNECTOR APPLICATIONS. THE CRIMPING PROCESS USED TO FORM THE CRIMPED TERMINALS MUST BE VERIFIED AS MEETING THE +/- .3 DEGREES RELATIVE TO TERMINAL DATUM "E" CAN BE ASSUMED. ACTUAL CRIMP TOLERANCES DEFINED IN THE CRIMPING SPECIFICATION, AND CRIMPING PROCESS USED MUST BE VERIFIED AS SUITABLE BY FULL VALIDATION TO ALL ASPECTS OF USCAR-21 INCLUDING SECTION 4.2.5.
5. WIRE GAGES NOT SHOWN IN THE CHART HAVE NOT BEEN VALIDATED TO USCAR-21 AT THIS TIME.



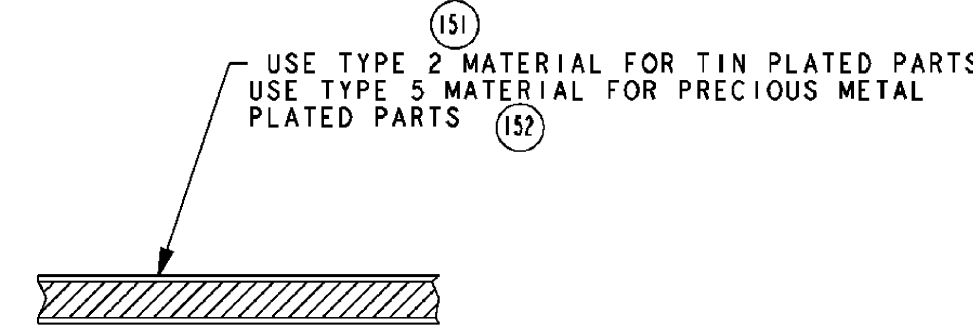
THIS VIEW FOR INCOMING INSPECTION
PURPOSES. PARTS TO BE CHECKED FOR SELECTIVE
PLATING LOCATION & THICKNESS PER PLATING
CONDITIONS (CONSULT SPECIAL PLATING OPERATION
TIN PLATE NOT TO OVERLAP PRECIOUS METAL. (84)
TIN AND NICKEL OVERLAP IS NECESSARY TO AVOID (85)
EXPOSURE OF THE BARE METAL.
SILVER VENDOR TO SUPPLY SILVER ELONGATION REPORT
TO VERIFY CAPABILITY.
GOLD STRIPE AND GOLD SPOT ARE INTERCHANGEABLE.
USE 54001863-10 FOR GOLD POST PLATED MATERIAL.
USE 54001863-15 FOR SILVER POST PLATED MATERIAL

Technical drawing of a mechanical part, showing two detail views, X and Y.

Detail X: A cross-sectional view of a cylindrical part. The drawing includes dimensions: (1), (1), (1 ± 0.05), (0.1 ± 0.15), (1, 2 ± 0.1), (1, 0 ± 0.1), (7, 0 ± 0.1), and (R4). The text "SEE DETAIL X" is present. The scale is 20:1.

Detail Y: A cross-sectional view of a cylindrical part. The drawing includes dimensions: (0.60), (0.20), (0.6 ± 0.1), and (0.1 ± 0.15). The text "SEE DETAIL Y" is present. The scale is 20:1.

DETAIL X
SCALE 20:1



SPRING PLATING REQUIREMENTS

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 ±
TWO PLACE : SEE DRAWING
THREE PLACE : SEE DRAWING

DWG STATUS					ZONE	REVISION HISTORY	AUTH	RD	APVD	APV2
DATE	STG	REV	N/P	CHG						
30MY06	R	01	-	-	13576990 - WAS SEPARATE DWG1; 13579640, 13587331 - RELEASED	281146	AVE	AVE	AVE	D6
21OC09	R	02	-	-	ALL PARTS - DWG UPDATED TO LATEST PRINT; REVISED NOTES & TITLE BLOCK	311549	VMC	VMC	VMC	J6
07DE09	R	03	-	-	ALL PARTS - UPDATED PDW ATTRIBUTES	312607	HME	EHV	EHV	J6
26JA10	R	04	-	-	ALL PARTS - UPDATED PDW ATTRIBUTES	313063	AVE	AVE	AVE	J6F
04FE10	R	05	-	-	13806233 - RELEASED	313197	AVE	AVE	AVE	J6
26MY10	R	06	-	-	UPDATED PDW ATTRIBUTES	314449	JJD	GAV	GAV	J6
14JU10	R	07	-	-	ALL PARTS - DWG UPDATED TO LATEST PRINT	314947	JJD	VMC	VMC	R6C
24MR11	R	08	-	-	"SHT 1 OF 3" WAS "SHT 1 OF 2"; REVISED NOTES & CHART; 13805375-76 - WERE ADDED; 13827058 - RELEASED	317641	JJD	JJD	JEF	J6
05MY11	R	09	-	-	ALL PARTS - DWG UPDATED TO LATEST PRINT	318185	JJD	JJD	SM	J6
12JU11	R	10	-	-	UPDATED PDW ATTRIBUTES	319029	ABO	GAV	GAV	J6
06DE12	R	11	-	-	ADDED SHT 1; "SHT 2" WAS "SHT 1";REVISED NOTES; 13972933 & 13972928 - RELEASED	323464	ABO	GAV	SS	J6
12AP13	R	12	-	-	15504560,15521513,15521515,15521519, 15521522,15540784 & 15540786 - RELEASED; ALL PARTS - UPDATED W/IL PASTE UP DWG TO REV G AND ADDED INSPECTION SYMBOLS/ BALLOONS	421194	C6D	GAJ	DAE	J6
17SE13	R	13	-	-	13579640,13827658 & 15504560 - BASE MAT'L SPEC WAS M0595AX1; 15540786 - PLATED PARTIALLY NOTICED, FORMED RIBS MAT'L SPEC WAS M0595AX1	423860	C6D	GAJ	DAE	J6

[illegible]

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ON DATE

DWG TYPE	PART DRAWING
----------	--------------

STYLE	
-------	--

VOLUME (CM ³)	DISTR CODE
---------------------------	------------

[illegible]

UNLESS OTHERWISE SPECIFIED
THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14-45
AS AMENDED BY THE GM GLOBAL DIMENSIONING AND
TOLERANCING ADDENDUM-2001. SEPARATE PATTERN
FEATURES MAY BE GAUGED SEPARATELY REGARDLESS

REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

THIRD ANGLE	DO NOT
-------------	--

		USE MATH DATA
---	---	---

DEI PHI

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	DATE
DR	

APVD1	VALLEJO, ABRAHAM	30MY06
APVD2	VALLEJO, ABRAHAM	30MY06

APVD3	GARCIA, DANIEL	30MY06
APVD4		

APVD5	
SUBSTANCES OF CONCERN AND RECYCLED	

SUBSTANCES OF CONCERN AND RECYCLED
CONTENT PER DELPHI 10949001

SEE CHART 1

DRAWING NAME	ENGINEERING DRAWING
--------------	---------------------

TAXI ASM TERM F APEX 1.2

DRAWING NUMBER
1 2500450

13507450					
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV

A0	NONE	1 OF 2	2 OF 2	R	13
2		1			

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