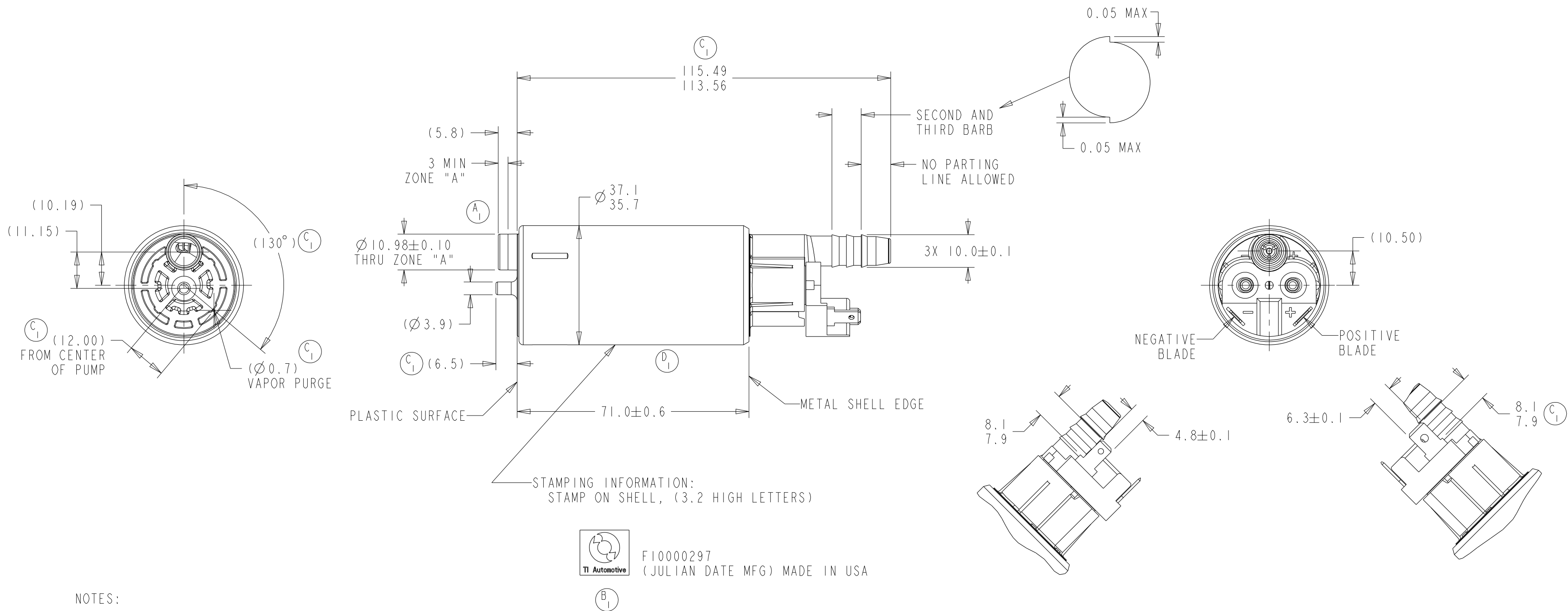


REVISIONS						
ZONE	LTR	DESCRIPTION	CHANGE No	DATE	BY	APPR'D
		RELEASE FOR PRODUCTION	C'161	24SEP09	DRG	MMcK
6-D	A	A1 USILYS INLET PARTS WERE PMC	C'528	17MAY11	WDE	MMcK
5-C	B	B1 ADDED TI AUTOMOTIVE LOGO	78165	13MAY16	JAK	MAS
	C	C1 RE-RELEASED PUMP AS A TI.9, WAS TI.78	81005	02APR19	SLK	DJC
5-D	D	D1 DBTC000302 MAGNETS WERE 1840034	C3'4491	24AUG23	JTK	MLM

FLASH AND PARTING
LINE MISMATCH



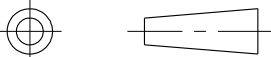
NOTES:

- 1) PUMP WILL BE PACKAGED WITH THE FOLLOWING COMPONENTS TO PREVENT CONTAMINATION BY FOREIGN MATERIAL
- INLET PLUG PROTECTOR
 - OUTLET PLUG PROTECTOR
 - POLYBAG

- 2) MODEL TI.9, CARTRIDGE BRUSH PUMP, DIN 1 RFI

PUMP PERFORMANCE SPECIFICATIONS				
	VOLTS	PRESSURE	LPH (min)	AMP (max)
END OF LINE TEST	13.5	345	162	10.5
TEST FLUID - MINERAL SPIRITS 66				
SHUT OFF PRESSURE MINERAL SPIRITS 66	13.5	650 900	0	15.5
FREE FLOW MINERAL SPIRITS 66	13.5	0	235	6.2
AFTER 24 HR.	13.5	345	170.3	10.5
TEST FLUID - UNLEADED GASOLINE (EE)				

KEY PRODUCT CHARACTERISTICS				
REFER TO TI AUTOMOTIVE GLOBAL ADVANCED QUALITY PLANNING DOCUMENT CW-4-ALL-411 FOR THE CLASSIFICATION AND CONTROL OF KEY PRODUCT CHARACTERISTICS				
TYPE OF CHARACTERISTIC	SAFETY	REGULATORY	FUNCTION	FUNCTION PROCESS
	SC	SC	SC	SC
NUMBER PER EACH CHARACTERISTIC	--	--	--	--
TOTAL NUMBER OF CHARACTERISTICS	--	--	--	--
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METRIC			
ALL DIMENSIONS ARE IN MILLIMETERS			
DO NOT SCALE			
DECIMAL TOLERANCES UNLESS OTHERWISE SPECIFIED ONE PLACE ±0.25 TWO PLACE ±0.13 ANGLES ±1°			
		THIRD ANGLE PROJECTION	
DIMENSIONS IN ACCORDANCE WITH ASME Y14.5 - 2009			
		630 COLUMBIA ST. CARO, MI 48723 +1 989.673.7727	
TI Automotive			
ENGINEER:	M.McKERVEY	24SEP2009	MATERIAL/SPECIFICATION:
DESIGNER:	D.GILBERT	24SEP2009	
CAD SYSTEM: PRO/E	SCALE: 1:1	SHEET NO. 1 OF 1	
REFERENCE ID/REV.: HJQG1297		2D PLM REFERENCE/REV.: AR0058352/AB	
REFERENCE ID/REV.: 000128120/AB		3D PLM REFERENCE/REV.: AR0058350/AB	
DRAWING NAME: FUEL PUMP OUTLINE			
SIZE: A2	DRAWING NUMBER: FI0000297		