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10-639741-10S		DOCUMENT NO.
SHEET 1 OF 2		REV. C
REVISIONS		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	02-25-08
B	REMOVED OVERMOLD FROM COUPLING NUT AND BACKSHELL PER ECN A6018	9-12-08
C	CHANGED DRAWING PER ECN A7774	07-22-09

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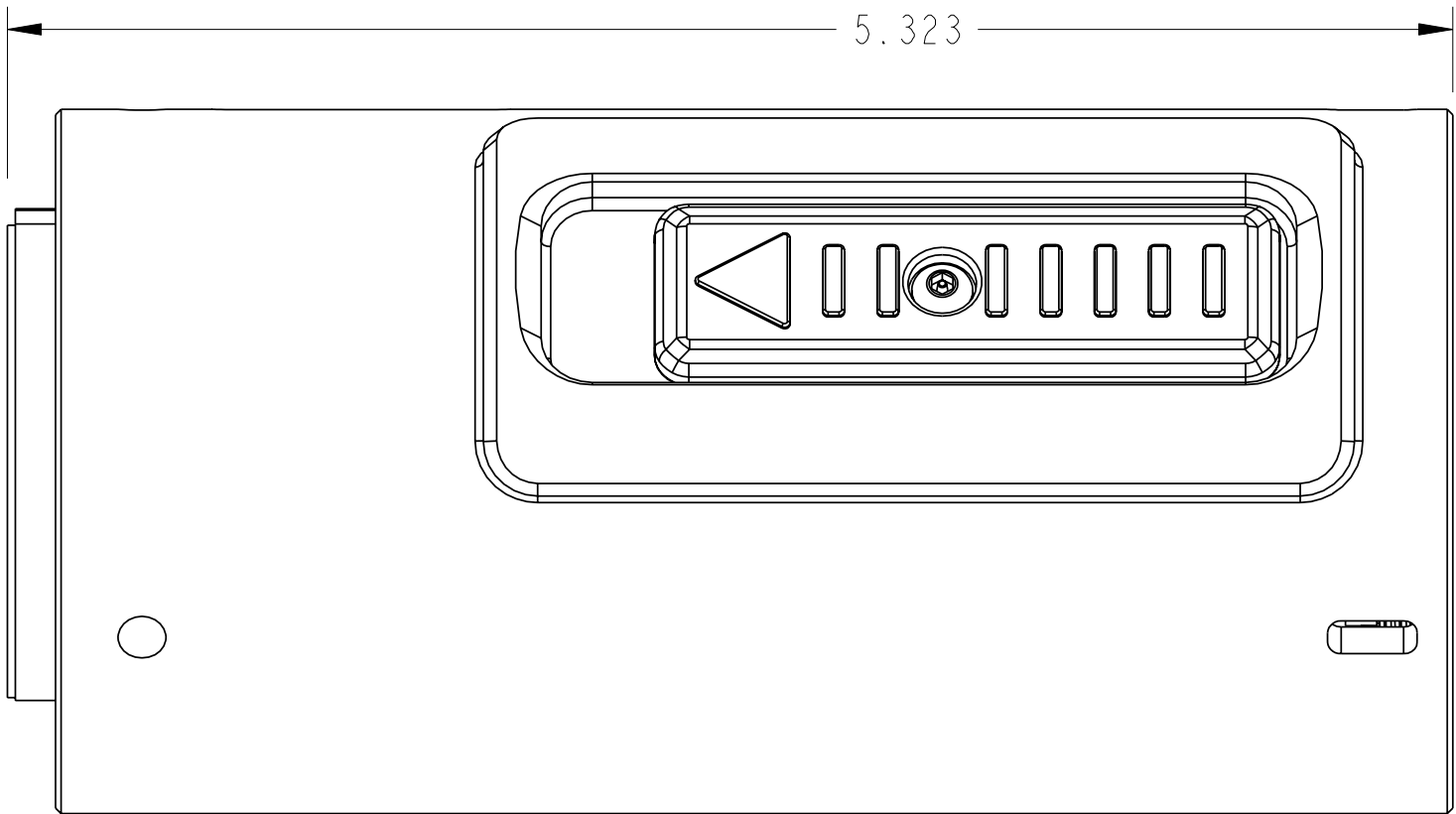
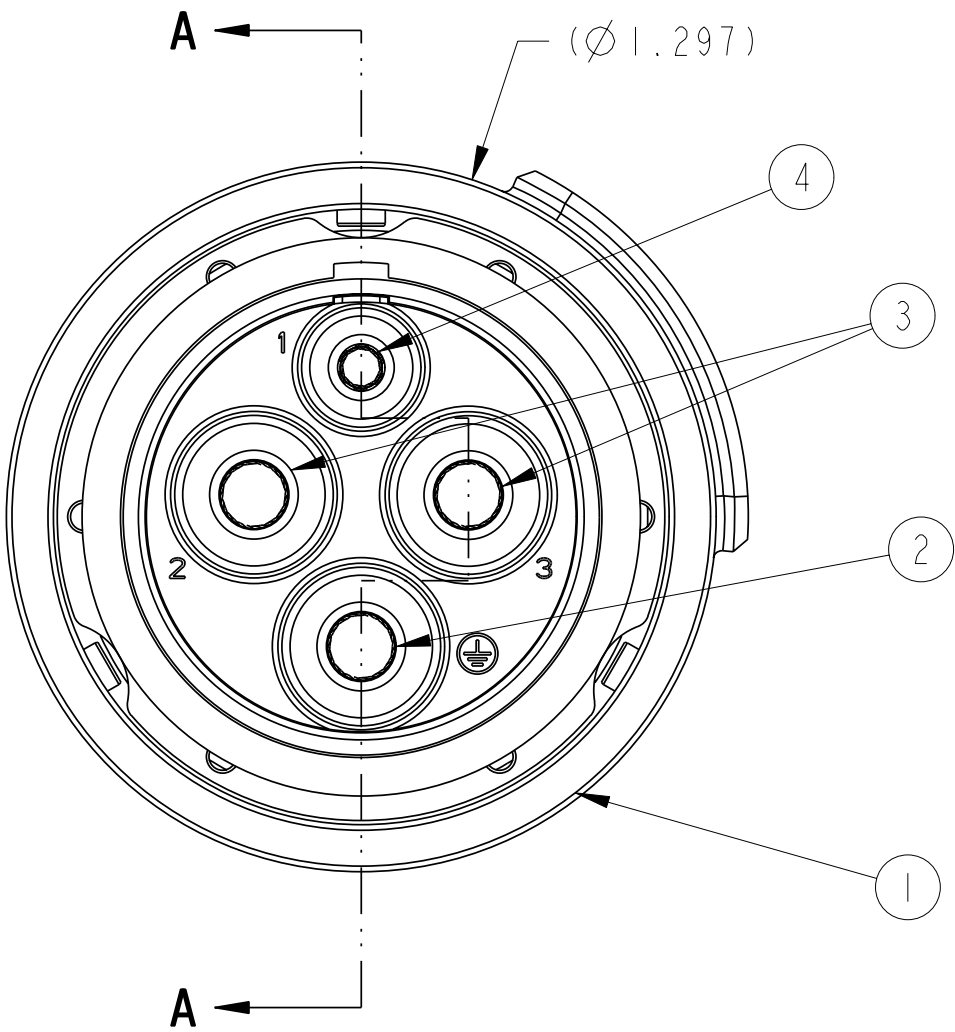
WIP

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SHEET 1 OF 2

10-639741-10S

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6. MECHANICAL PERFORMANCE:
MATING DURABILITY: 10K MATING CYCLES
SEALING: IP66 (MATED), IP2X (UNMATED)
5. ELECTRICAL PERFORMANCE:
CURRENT RATING FOR #4 AWG CONACTS: 80A
MAX VOLTAGE RATING: 270 VAC
4. SEE DRAWING 10-665037-10S FOR ASSEMBLY INSTRUCTION.
3. CONNECTOR IS DESIGNED TO MEET APPLICABLE PARTS OF UL 2251.
2. CONNECTOR SHOWN MATES WITH 10-639740-10P.
1. CONNECTOR SHOWN IS FULLY ASSEMBLED HOWEVER, MANY COMPONENTS CANNOT BE ASSEMBLED UNTIL AFTER THE CONTACTS HAVE BEEN TERMINATED TO WIRE.

NOTES:

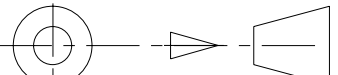
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N/A

NEXT ASSEMBLY

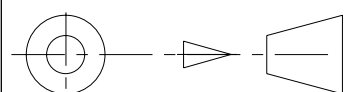
PRO/ENGINEER INFORMATION

Pro/e Model Used:
10-639741-10S.UNLOCK.ASSEM
Drawing Name:
10-639741-10S

UNLESS OTHERWISE SPECIFIED		SPECIFICATIONS		POS	QTY	PART NUMBER	DESCRIPTION	NOTE	
LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = ±.0005 ANGLES= ±2° .XXX = ±.010 .XX = ±.03 .X = ±.1 ----- DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-DTL-31000; OTHER Amphenol Stds. PER 9-3800 LEGENDS: =FLAG NOTE CALL OUT REFERENCE ONLY 		MATERIAL SPEC.	PARTS LIST						
		N/A							
		PROCESS SPEC.	APPROVALS	DATE	AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13838				
			PREPARED BY	E. MARION					02-25-08
			ENGINEER IN CHARGE	J. SANDBURG					
DESIGN MANAGER	S. FITZGERALD								
DESIGN ACTIVITY GROUP	C & I								
	THIRD ANGLE PROJECTION	PLUG CONNECTOR, WITH SWITCH EV CHARGING CONNECTOR WITH SAFETY SWITCH							
									
SIZE		CAGE CODE		DOCUMENT NO.			REV.		
C		77820		10-639741-10S			C		
SCALE: 1.5		REF. 10-639742		SHEET 1 OF 2					

4	1	10-642685-001	SOCKET CONTACT, #8 AWG	
3	2	10-642692-001	SOCKET CONTACT, #4 AWG	
2	1	10-665178-000	SOCKET CONTACT ASSEMBLY	
1	1	10-665037-10S	PLUG ASSY, LESS CONTACTS	
POS	QTY	PART NUMBER	DESCRIPTION	NOTE

APPROVALS		DATE
PREPARED BY	E. MARION	02-25-08
ENGINEER IN CHARGE	J. SANDBURG	
DESIGN MANAGER	S. FITZGERALD	
DESIGN ACTIVITY GROUP		



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10-639741-105	DOCUMENT NO.
SHEET 2 OF 2	REV.
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10-639741-105

SHEET 2 OF 2

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NOTES:

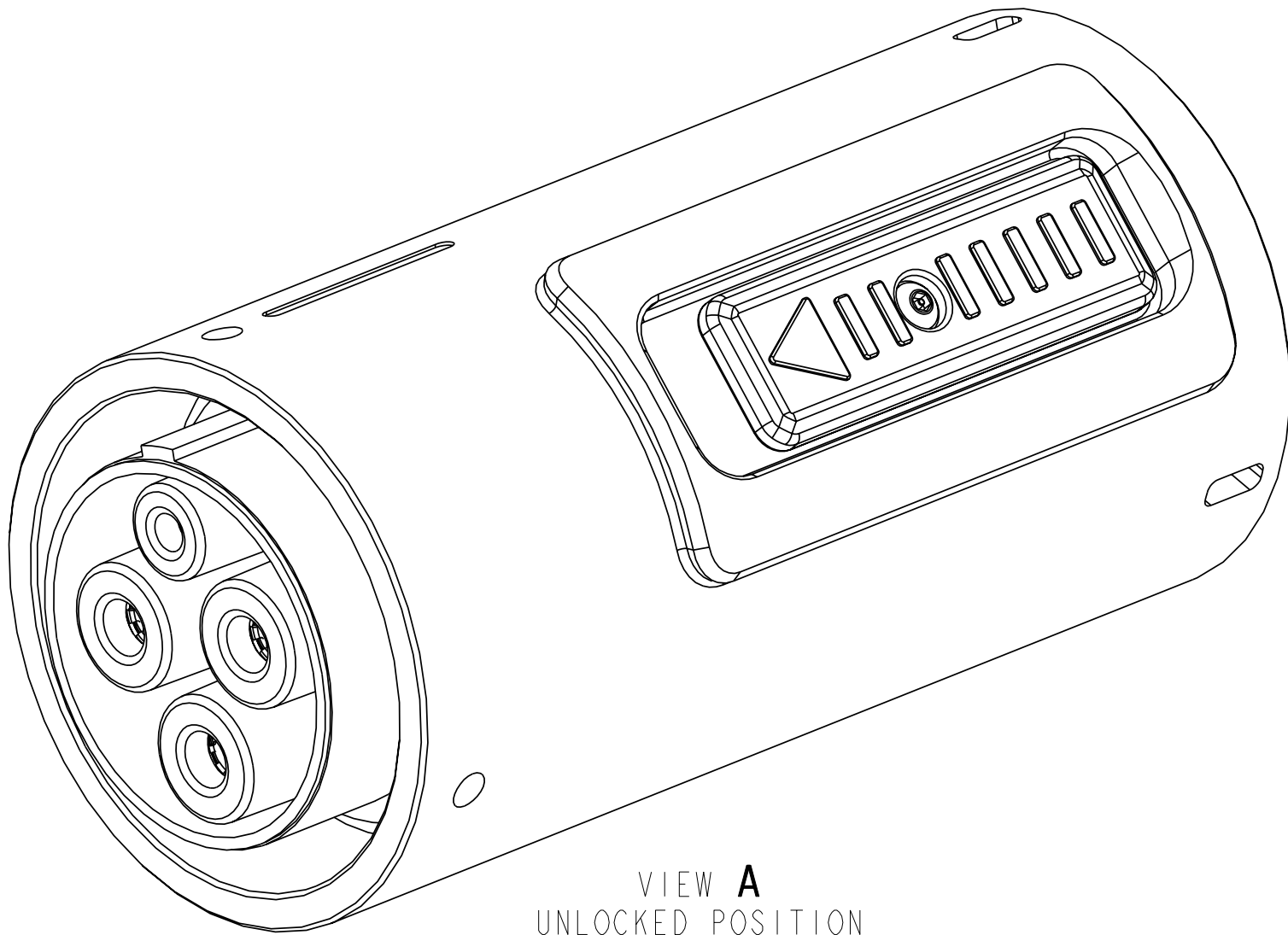
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10-639741-105

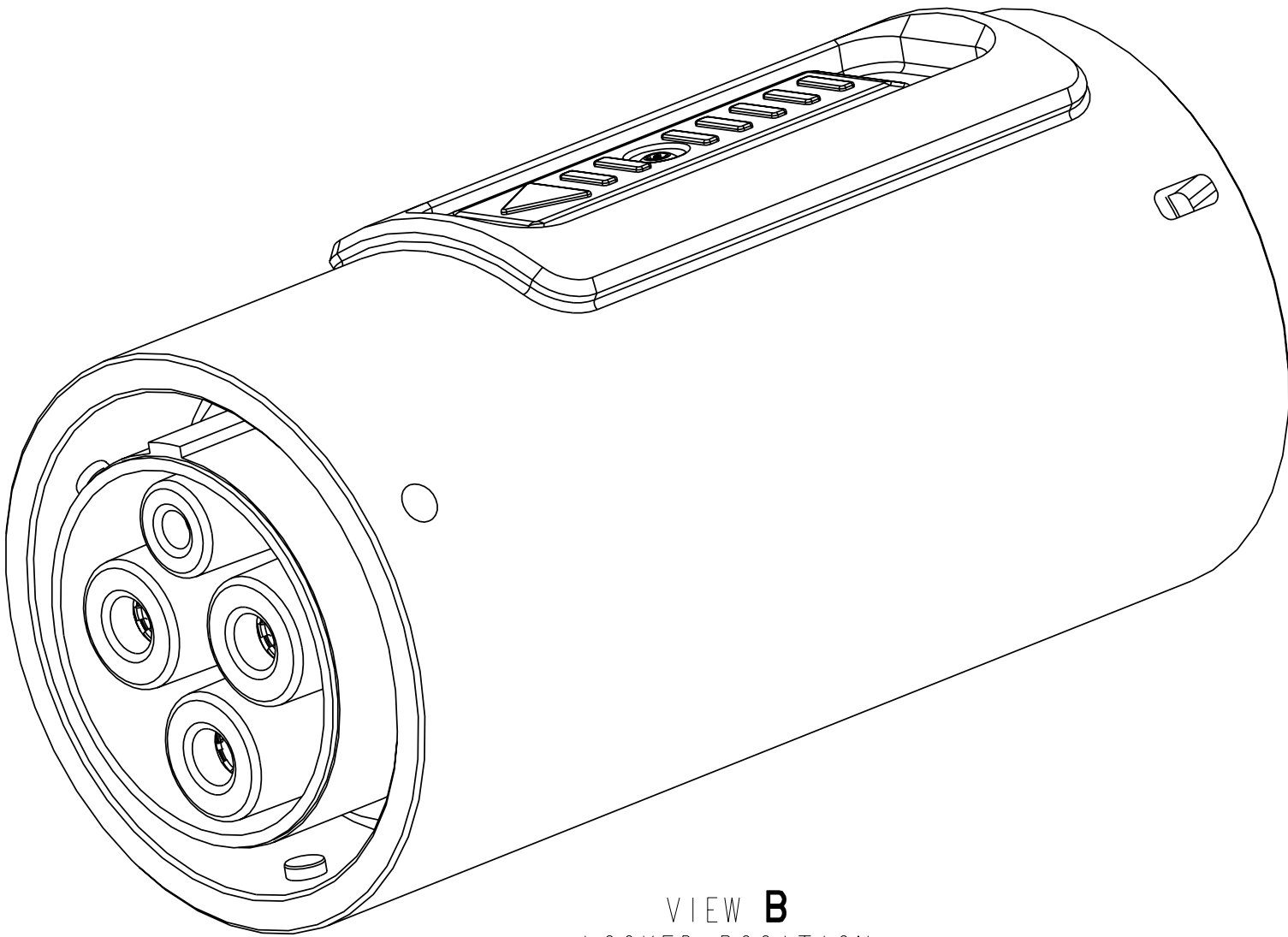
SHEET 2 OF 2

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VIEW A
UNLOCKED POSITION
SCALE 1.500



VIEW B
LOCKED POSITION
SCALE 1.500



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WIP

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SHEET 2 OF 2

10-639741-105

DOCUMENT NO.

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SIZE C	CAGE CODE 77820	DOCUMENT NO. 10-639741-105	REV. C
SCALE: 1.5	REF: 10-639742	SHEET 2 OF 2	

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