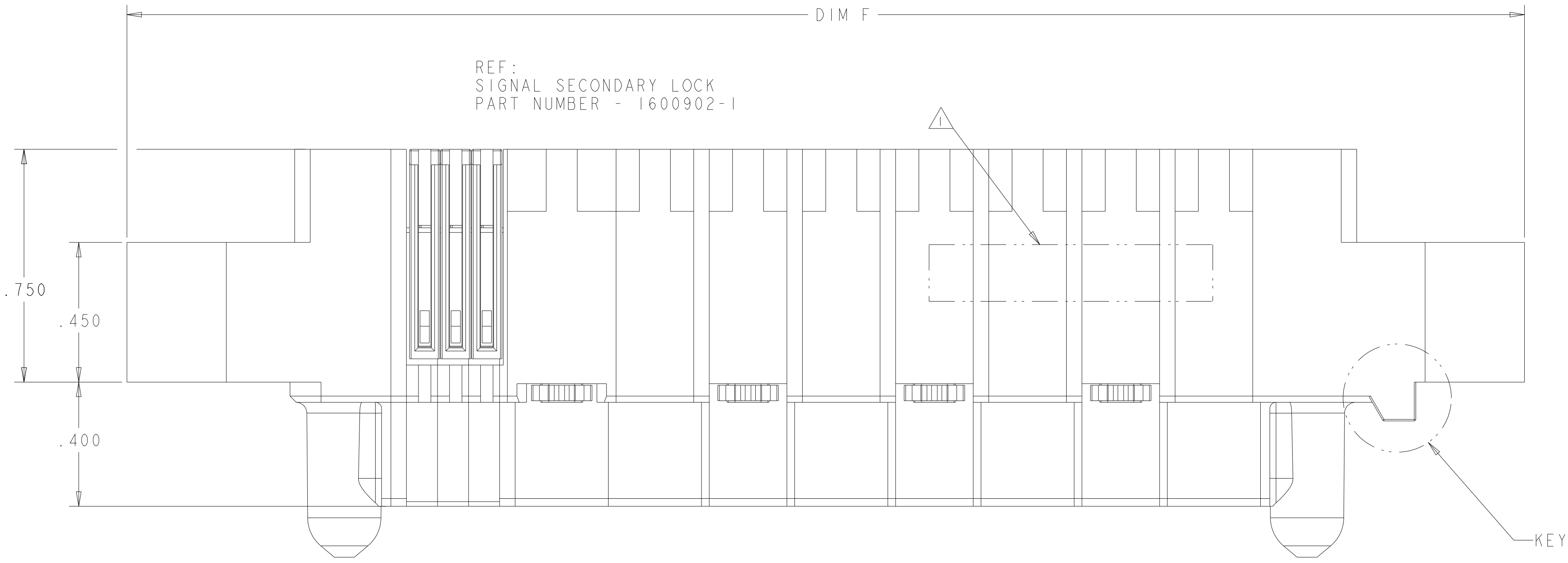
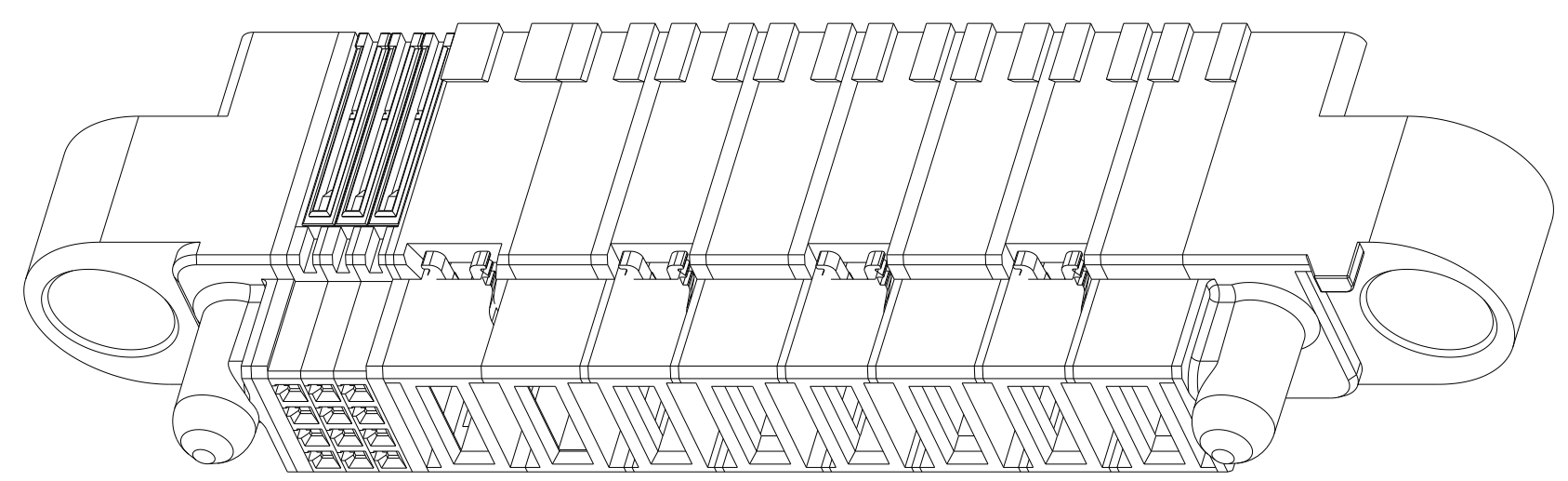
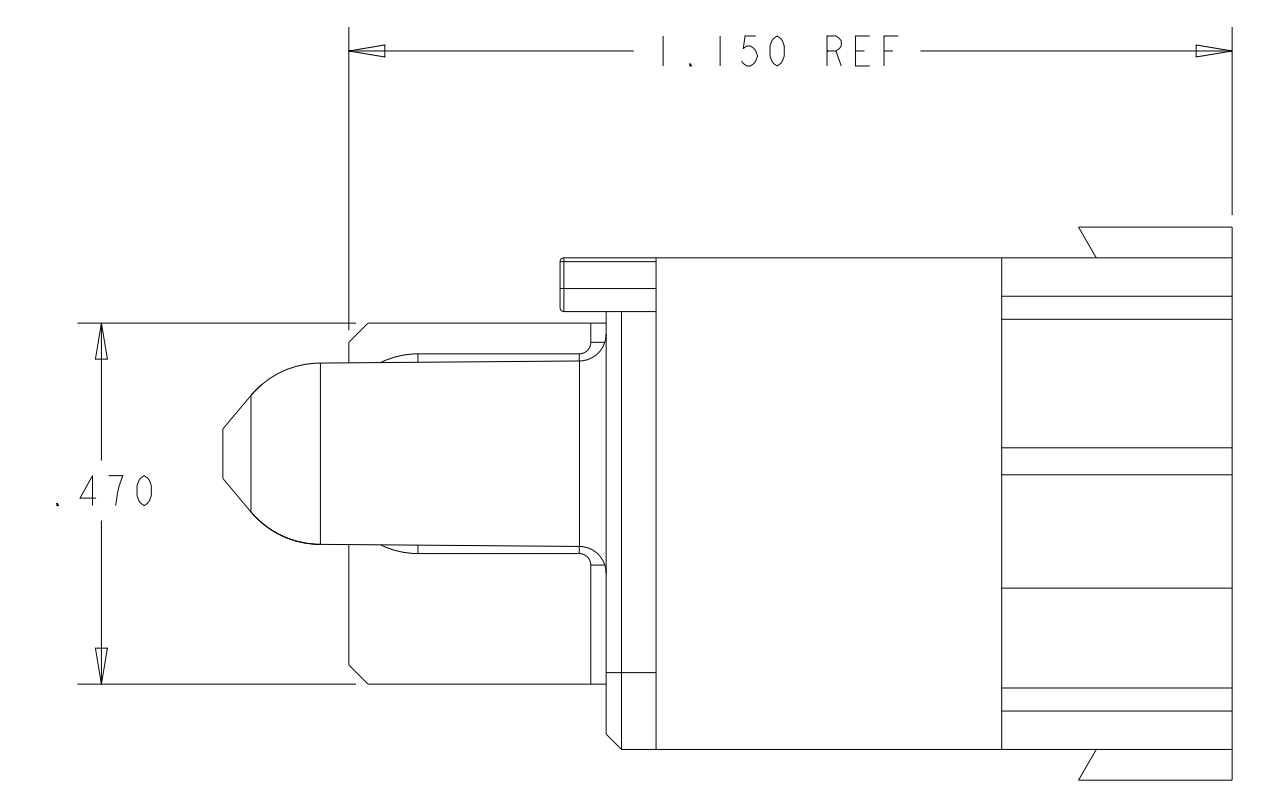
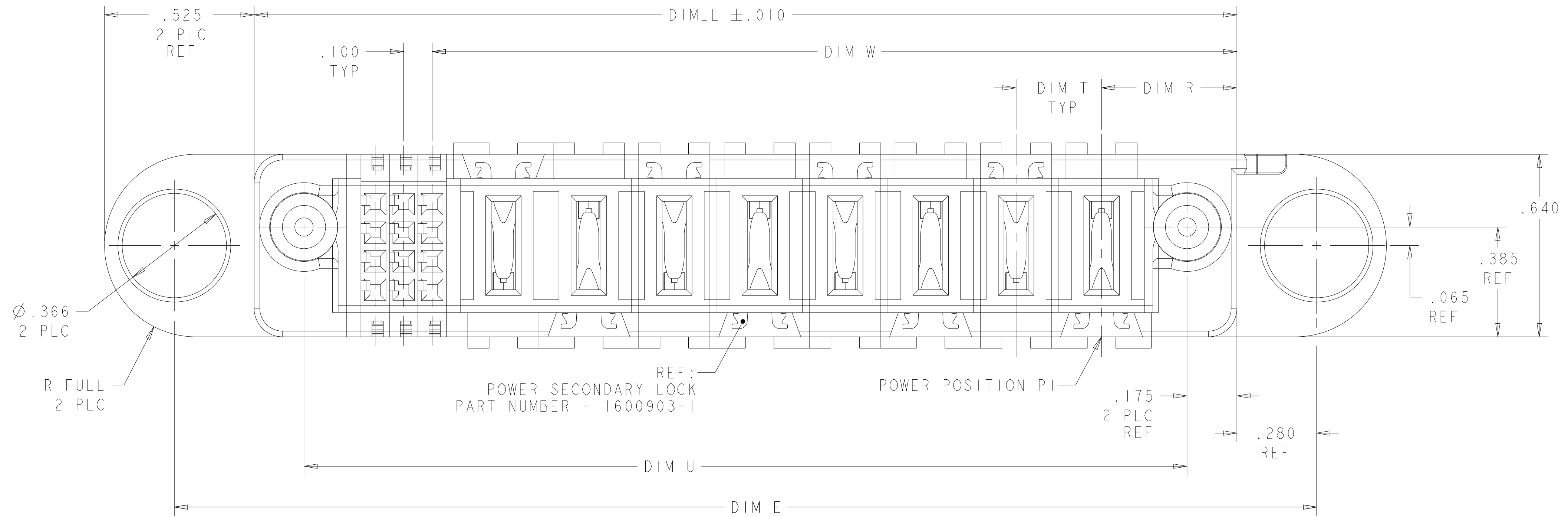


LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD		
H8		ADDED NEW DASH NUMBER 1-9	05MAR2019	CZ	SZ		
H9		ADDED NEW DASH NUMBER 2-0	07APR2020	CZ	SZ		
J		ADDED NEW DASH NUMBER 2-1	27FEB2021	CZ	SZ		

REF:  
 SIGNAL SECONDARY LOCK  
 PART NUMBER - 1600902-1



- 1 COMPANY TRADEMARK, PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN. PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES.
- 2 MATERIAL: THERMO PLASTIC, UL94 V-0.
- 3 DATUM LOCATIONS AND BASIC DIMENSIONS TO BE ESTABLISHED BY THE CUSTOMER.
- 4 BULKHEAD THICKNESS RANGE: .031 - .100.
- 5 CONNECTOR MATED TO PANEL FROM OPPOSITE SIDE.
- 6 NO BURRS ALLOWED ON OPPOSITE (MATING) SIDE.
- 7 CONNECTOR KEEP OUT ZONE.
- 8 MOUNT CONNECTOR WITH TYCO HARDWARE KIT 1600914-1 FOR .050 (1.27mm) MIN RADIAL FLOAT.
- 9 VARIABLE DIMENSION SHOW ON VIEW (SHEET 2 AND SHEET3).
- 10 FOR THE CONFIGURATION OF 1-1600616-5, 1-1600616-6, PLEASE REFER TO THE SHEET 4.




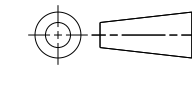
ISOMETRIC VIEW  
 SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN HAMMER 06JUL2004	TE Connectivity	
DIMENSIONS: INCHES		CHK D. TROUT 09JUL2004		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH		APVD D. TROUT	NAME PLNEL MOUNT CABLE RECEPTACLE TYPE PS, WITH GUIDES MULTI-BEAM XL	
MATERIAL 2		PRODUCT SPEC 108-2157	SIZE 114-13112	
		APPLICATION SPEC 114-13112	CAGE CODE DRAWING NO A100779C=1600616	
		WEIGHT	RESTRICTED TO CUSTOMER DRAWING	
		SCALE 1:1	SHEET 1 OF 6 REV J	

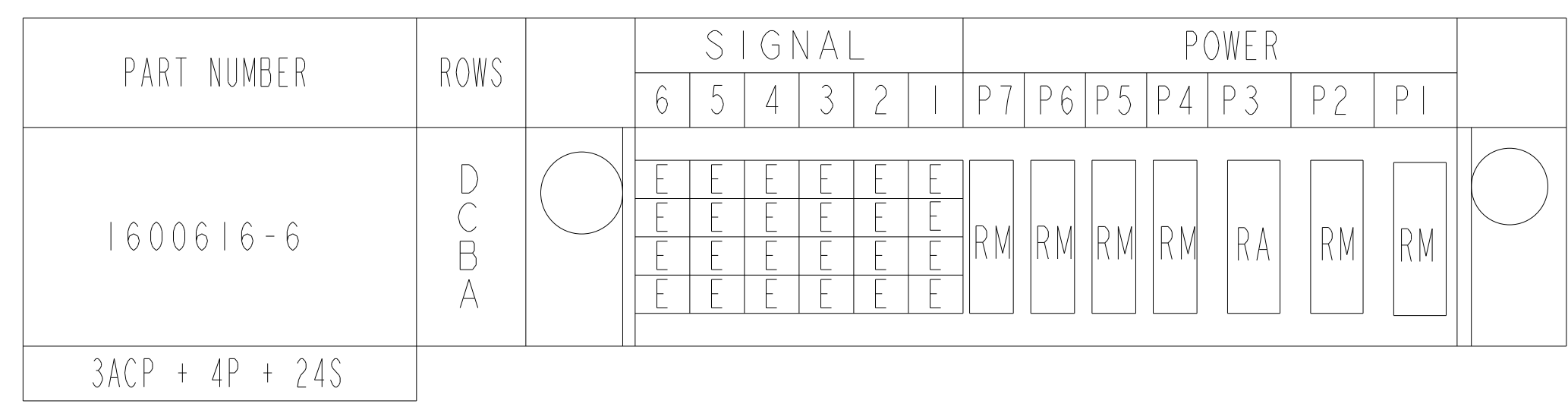
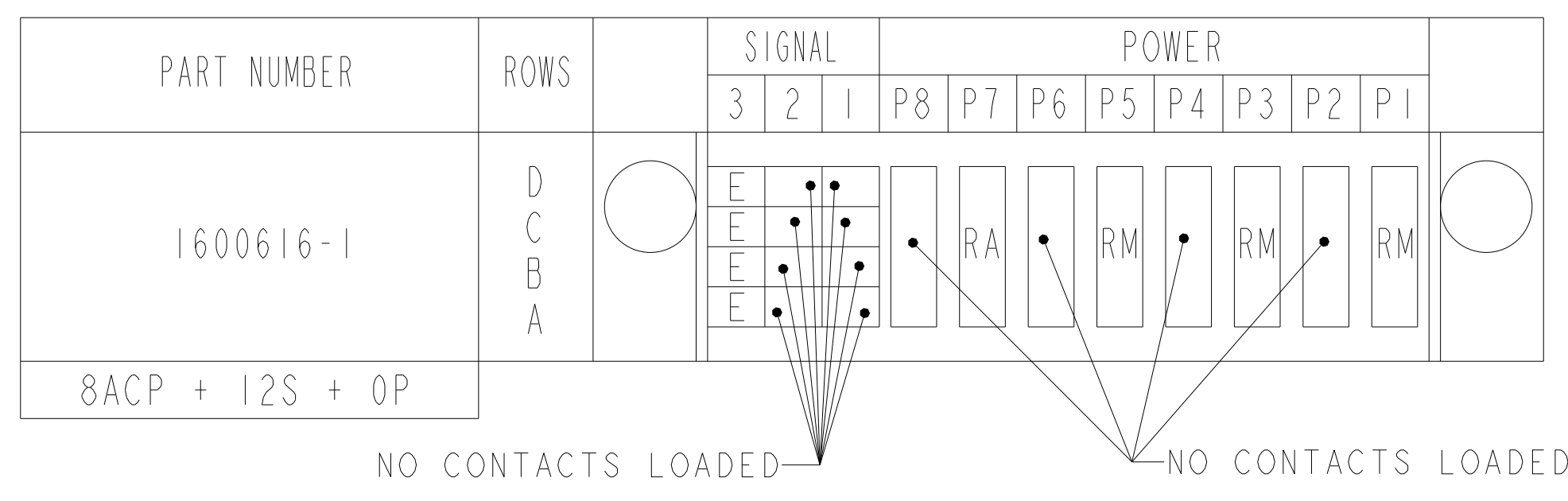
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20  
 © COPYRIGHT 20 . ALL RIGHTS RESERVED.

LOC		DIST		REVISIONS				
P	LTN	DESCRIPTION			DATE	DWN	APVD	
-	-	SEE SHEET 1			-	-	-	

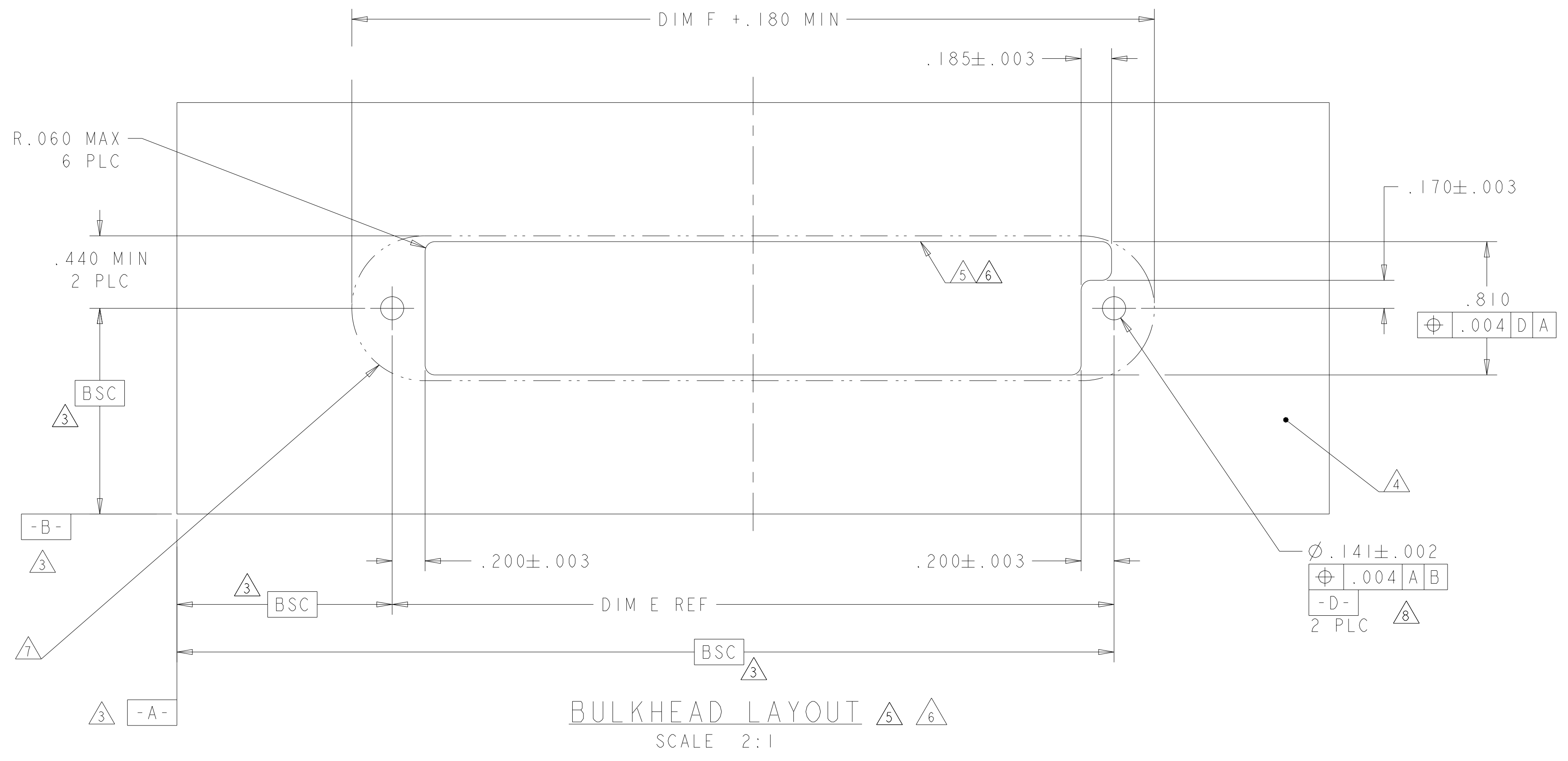
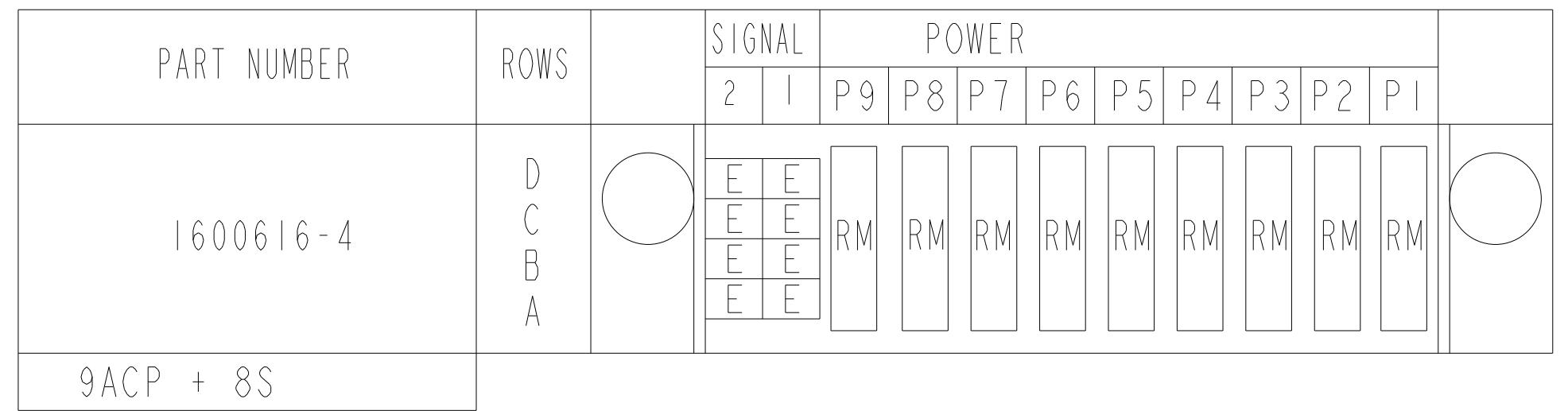
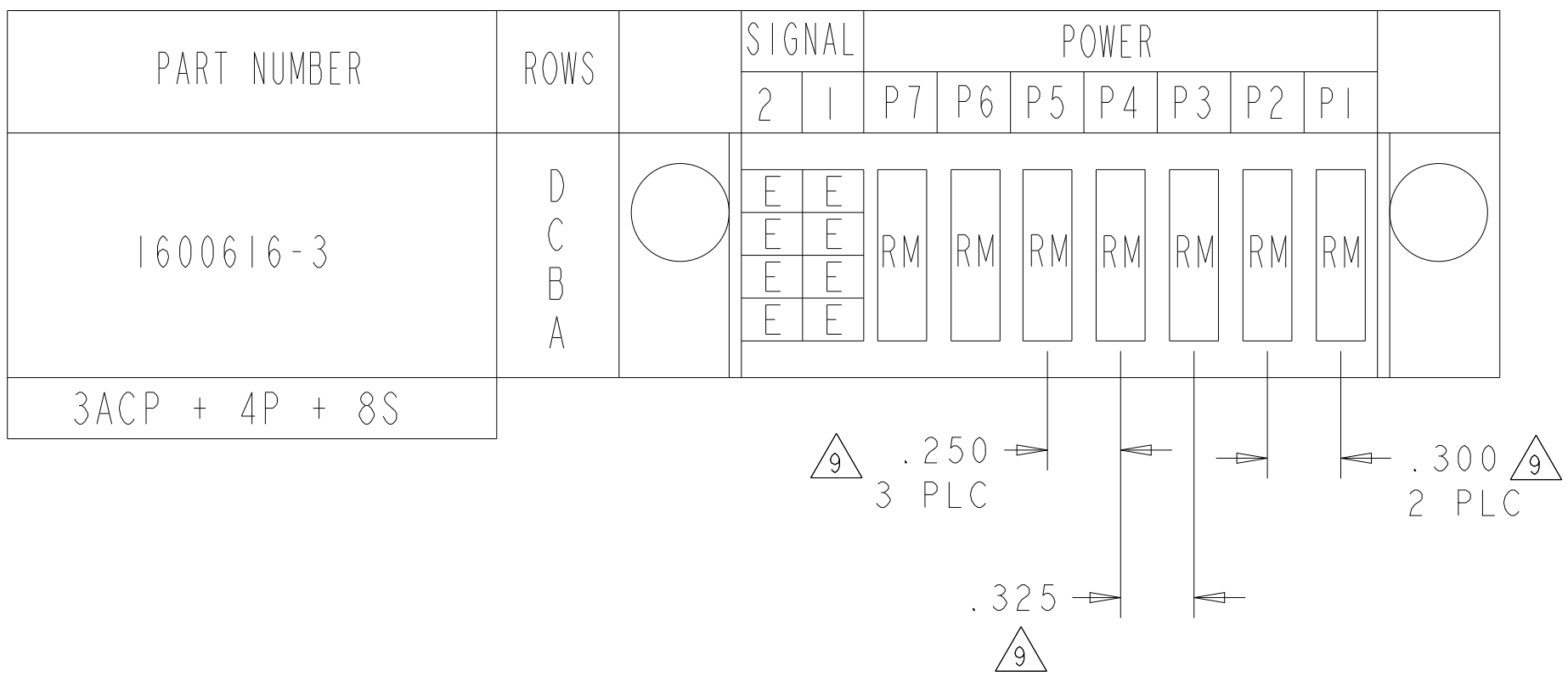
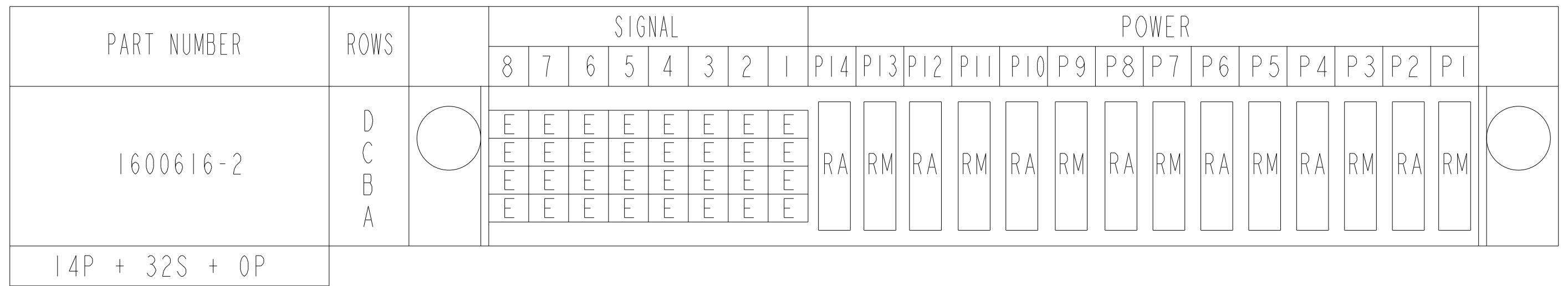
3.325	4.050	△ <sub>9</sub>	.450	4.400	5.450	4.960	4ACP + 9HDP + 32S	2-1600616-1
3.550	3.875	△ <sub>9</sub>	.475	4.225	5.275	4.785	3ACP + 9P + 16S	2-1600616-0
2.300	2.825	△ <sub>9</sub>	.475	3.175	4.225	3.735	3ACP + 4P + 24S	1-1600616-9
3.325	4.050	△ <sub>9</sub>	.450	4.400	5.450	4.960	4ACP + 9HDP + 32S	1-1600616-8
3.550	3.875	△ <sub>9</sub>	.475	4.225	5.275	4.785	3ACP + 9P + 16S	1-1600616-7
3.550	3.875	△ <sub>9</sub>	.475	4.225	5.275	4.785	3ACP + 9P + 16S	1-1600616-6
2.300	2.825	△ <sub>9</sub>	.475	3.175	4.225	3.735	3ACP + 4P + 24S	1-1600616-5
3.550	3.875	△ <sub>9</sub>	.475	4.225	5.275	4.785	3ACP + 9P + 16S	1-1600616-4
3.350	4.075	△ <sub>9</sub>	.450	4.425	5.475	4.985	4ACP + 9HDP + 32S	1-1600616-3
1.300	1.350	.300	.450	1.700	2.850	2.260	3ACP + 4S	1-1600616-2
1.175	1.300	.250	.450	1.650	2.700	2.210	3P + 8S	1-1600616-1
1.925	2.050	.250	.450	2.400	3.450	2.960	6P + 8S	1-1600616-0
1.325	1.500	.300	.475	1.850	2.900	2.410	3ACP + 8S	1600616-9
2.300	2.825	△ <sub>9</sub>	.475	3.175	4.225	3.735	3ACP + 4P + 24S	1600616-8
2.675	3.225	△ <sub>9</sub>	.525	3.575	4.625	4.135	3ACP + 6P + 24S	1600616-7
2.350	2.875	△ <sub>9</sub>	.475	3.225	4.275	3.785	3ACP + 4P + 24S	1600616-6
2.350	2.875	△ <sub>9</sub>	.475	3.225	4.275	3.785	3ACP + 4P + 24S	1600616-5
3.075	3.200	.300	.475	3.550	4.600	4.110	9ACP + 8S	1600616-4
2.375	2.550	△ <sub>9</sub>	.475	2.900	3.950	3.460	3ACP + 4P + 8S	1600616-3
3.925	4.700	.250	.450	5.050	6.100	5.610	14P + 32S + 0P	1600616-2
2.825	3.100	.300	.475	3.450	4.500	4.010	8ACP + 12S + 0P	1600616-1
DIM W	DIM U	DIM T	DIM R	DIM L	DIM F	DIM E	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN HAMMER CHK D. TROUT	06 JUL 2004 09 JUL 2004	 TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD D. TROUT	NAME PLNEL MOUNT CABLE RECEPTACLE TYPE PS, WITH GUIDES MUTLI-BEAM XL	
	0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH	PRODUCT SPEC 108-2157 APPLICATION SPEC 114-13112	SIZE A1	CAGE CODE DRAWING NO 100779C=1600616
	MATERIAL	WEIGHT	RESTRICTED TO	
CUSTOMER DRAWING			SCALE 1:1	SHEET 2 OF 6
			REV J	

LOC	DIST	REVISIONS			
ES	00	REV	DATE	BY	APPV
		1	SEE SHEET 1		



-6 HAS THE SAME DIM AS -5



HOUSING MODULE	CONTACT	INSULATION DIAMETER RANGE
.300 POWER	8-10 1600960 REF	[.176 - .272]
.250 POWER	8-10 1600960 REF	[.176 - .203]
	12-14 1600961 REF	[.156 - .176]
.200 POWER	12-14 1600961 REF	[.120 - .156]
.100 SIGNAL	22 - 26 531216-5 REF	[.036 - .069]

CODE	DESCRIPTION
RM	STANDARD POWER CONTACT
RA	MFBL POWER CONTACT
E	SIGNAL CONTACT
CONTACT TABLE	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PLC ±.  
 1 PLC ±.01  
 2 PLC ±.01  
 3 PLC ±.005  
 4 PLC ±.0020  
 ANGLES FINISH ±2°

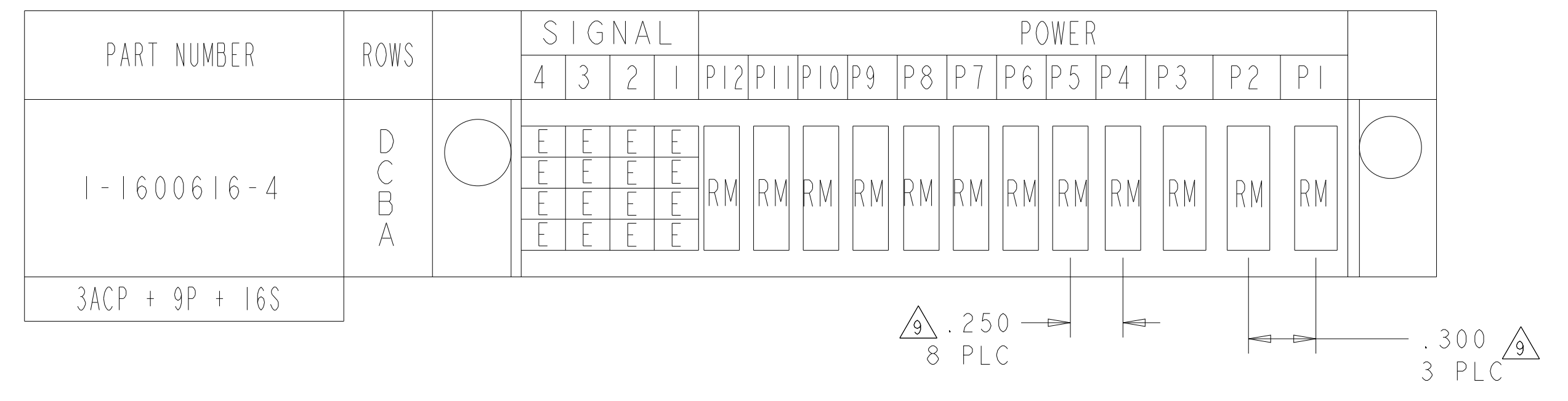
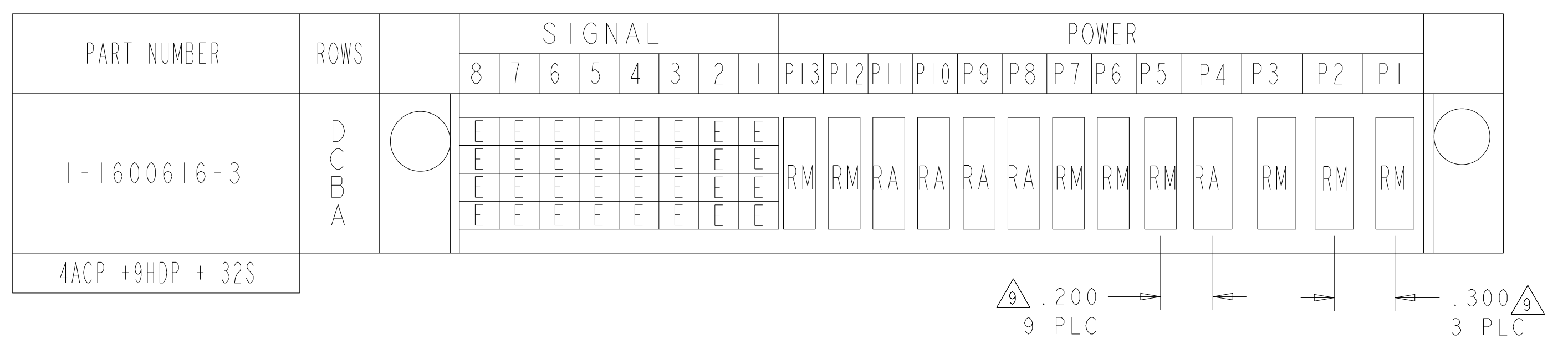
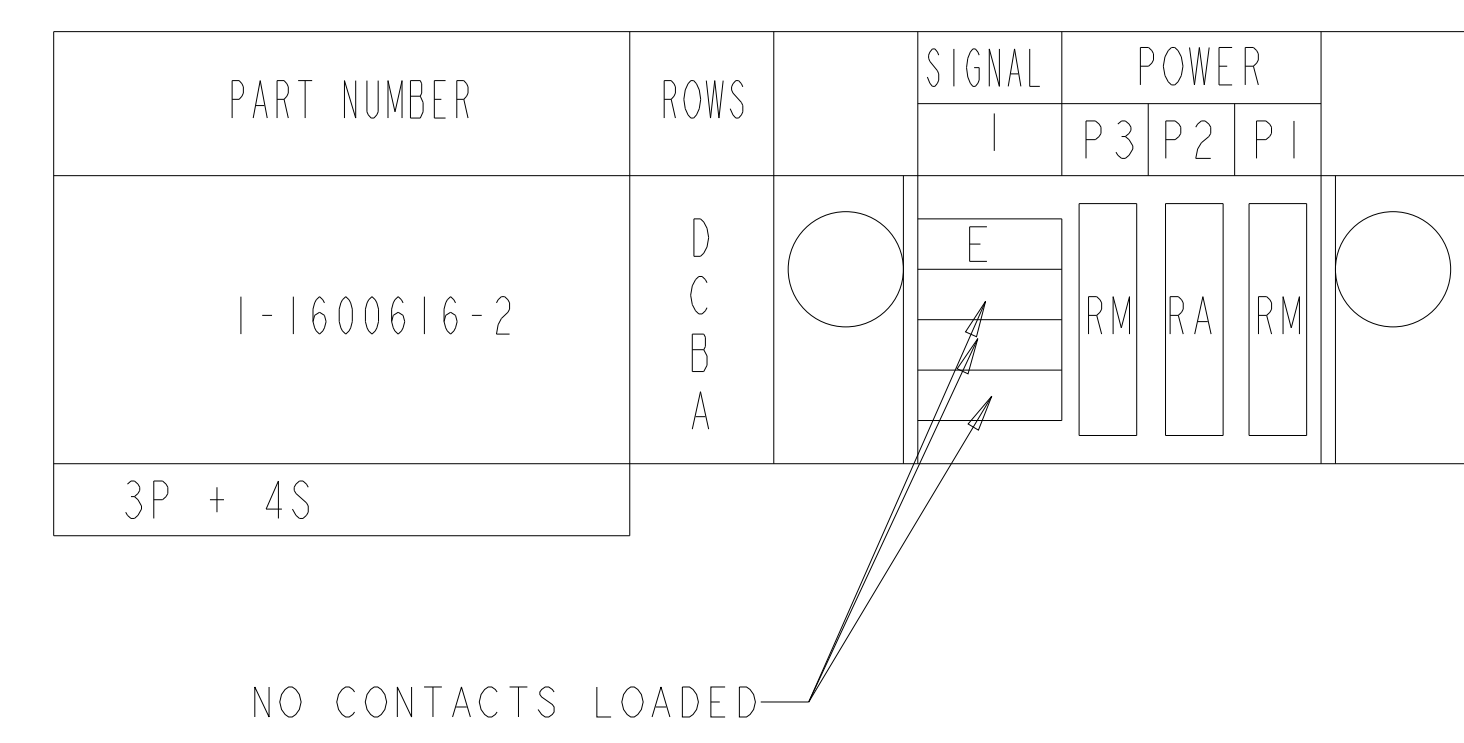
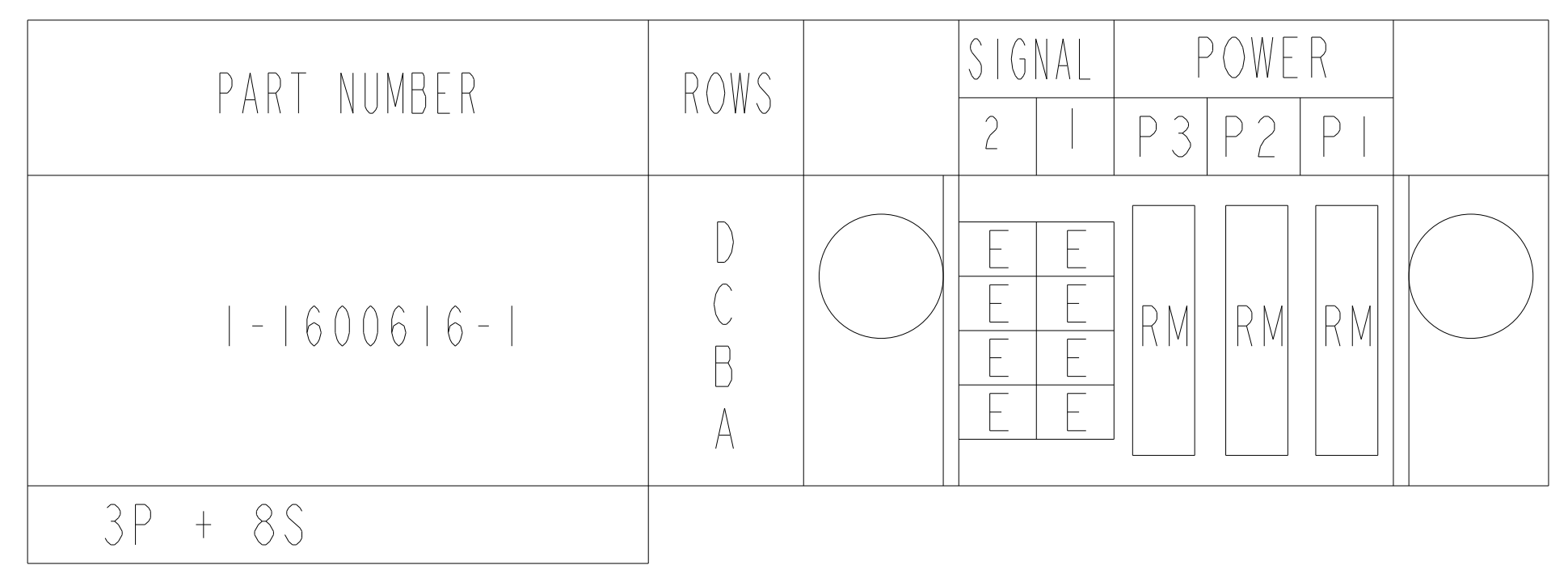
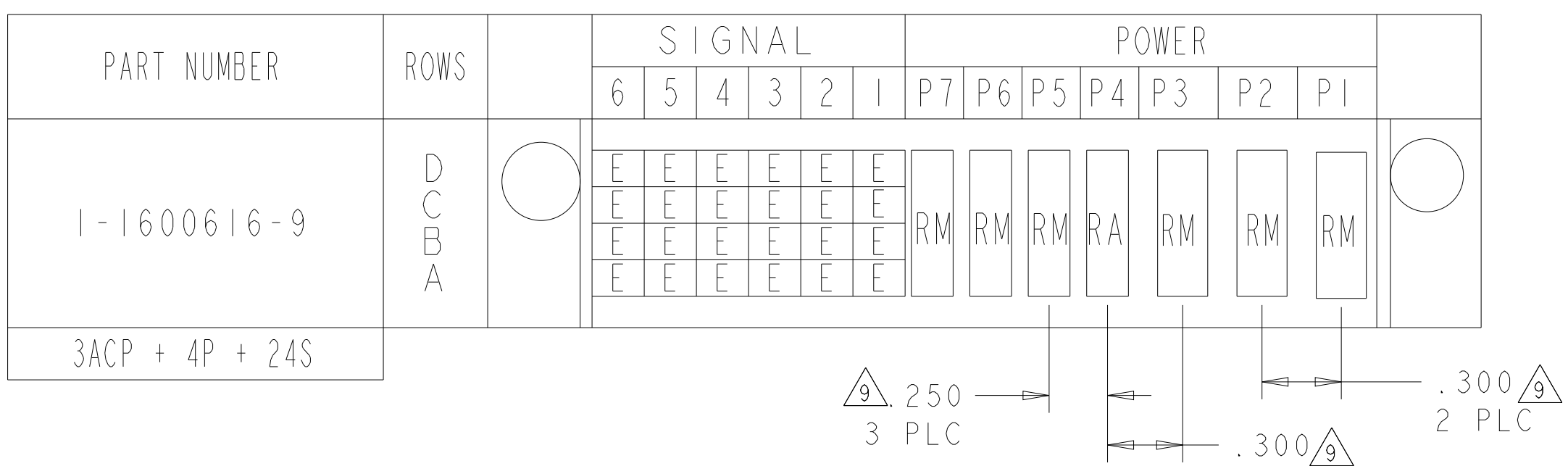
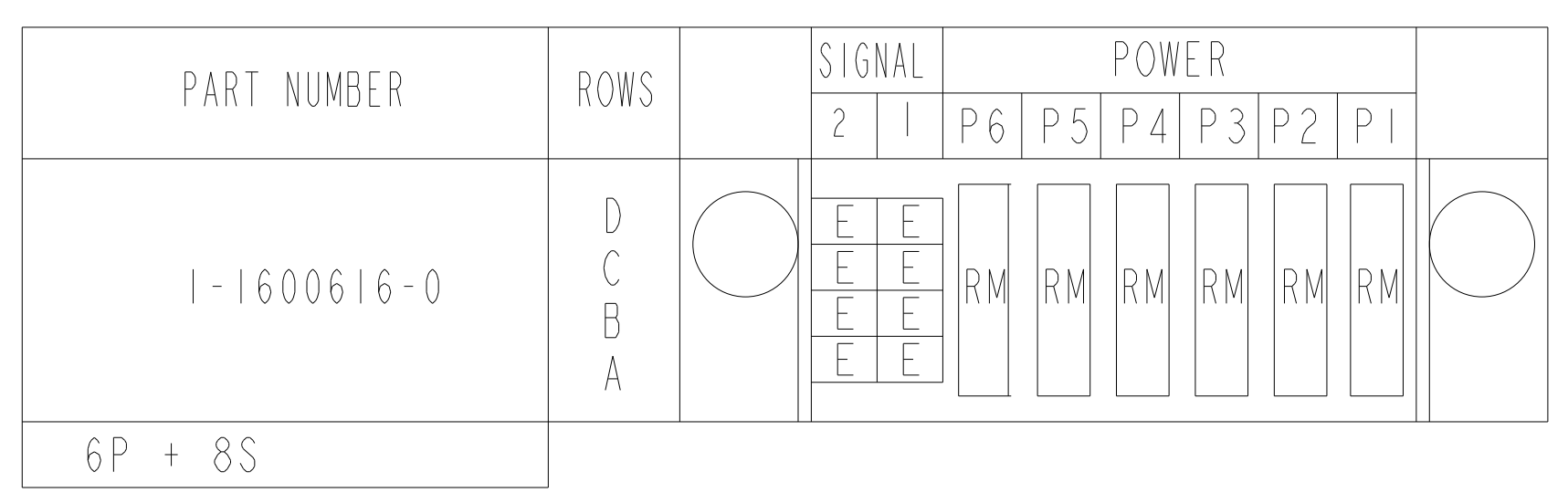
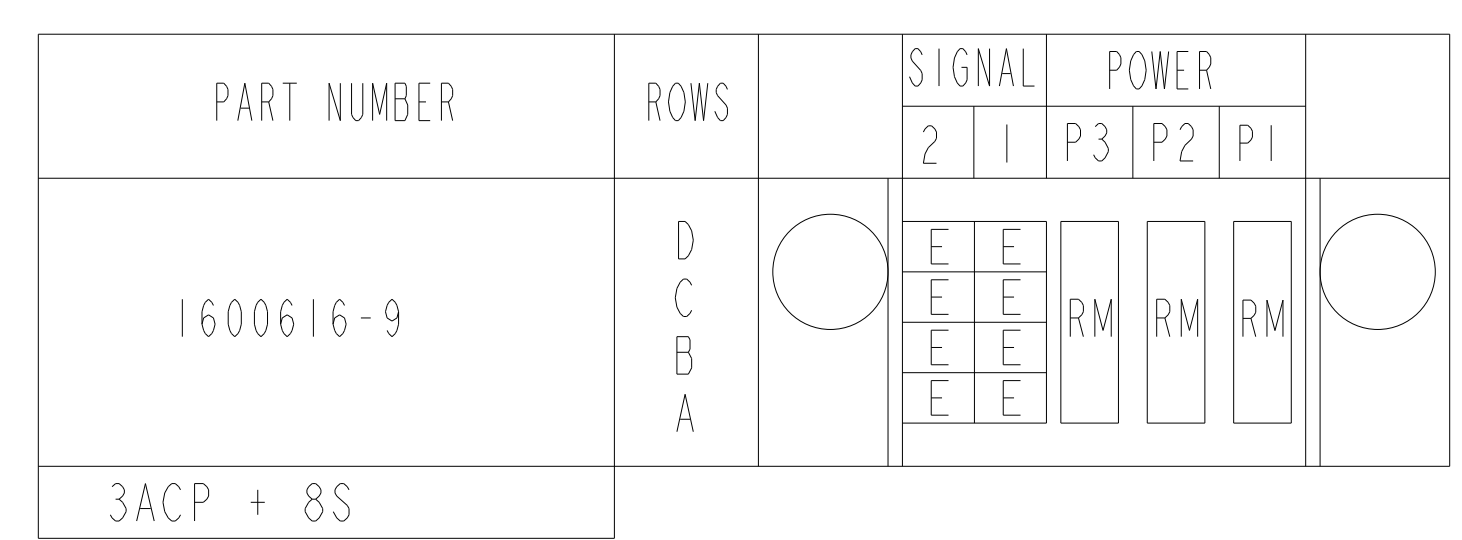
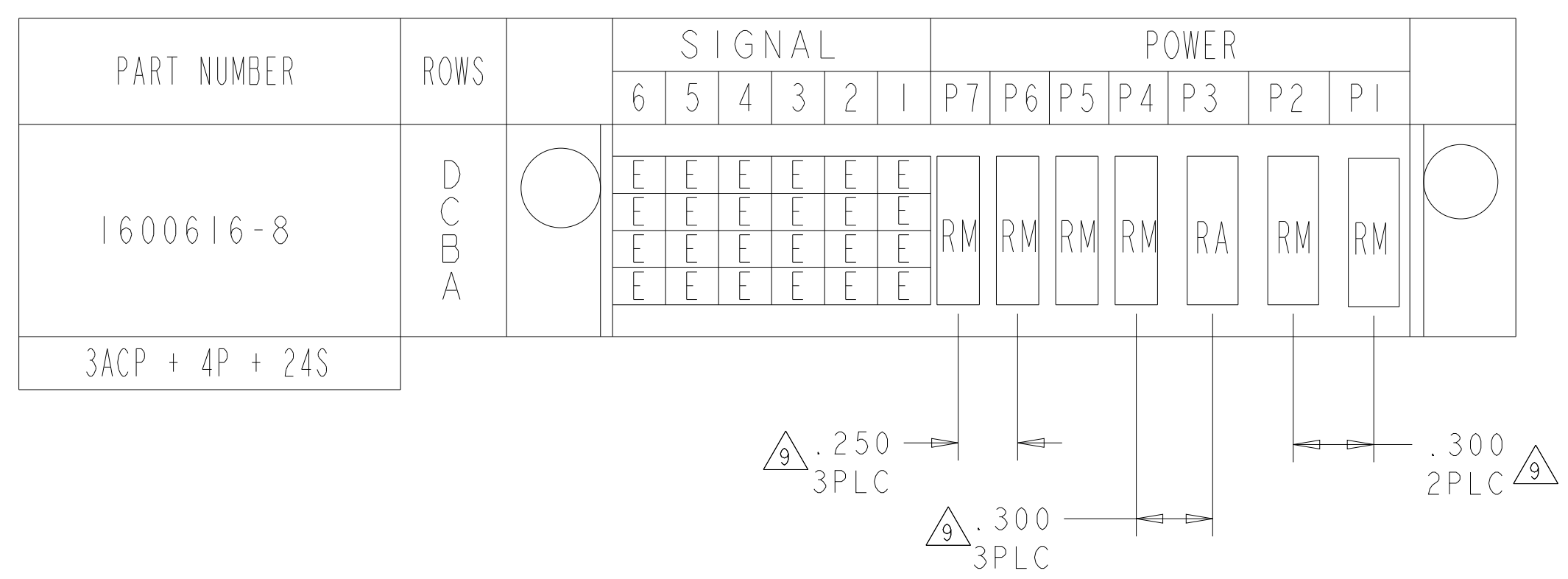
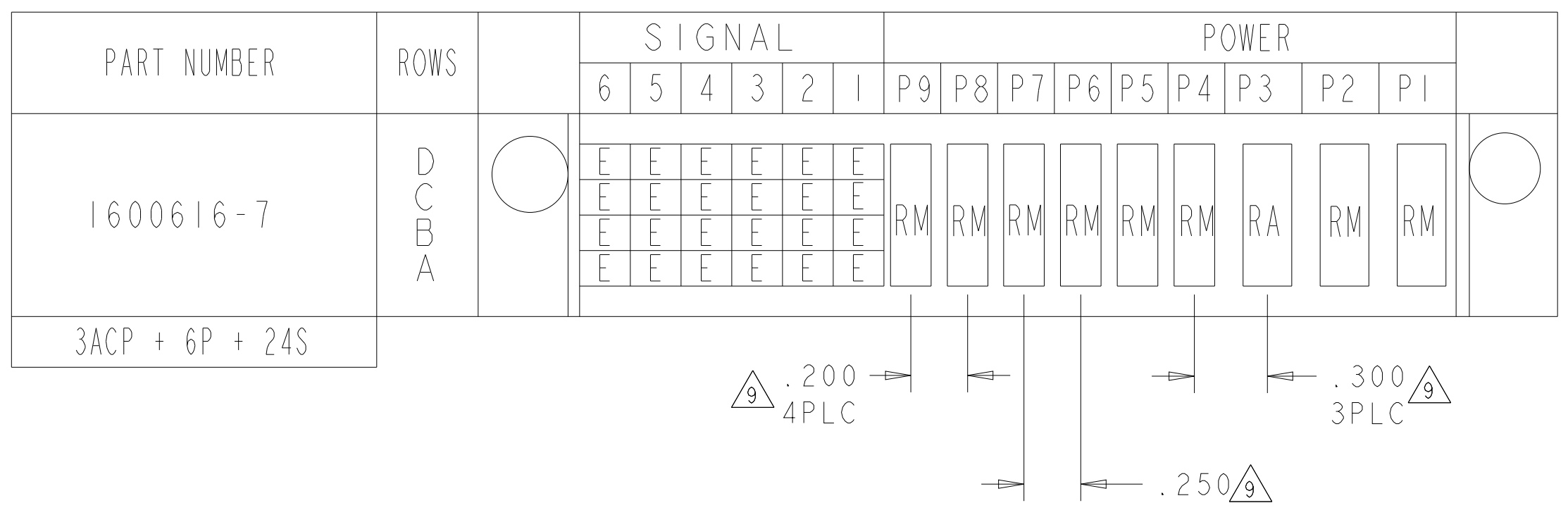
MATERIAL: .  
 FINISH: .

OWN: HAMMER 06JUL2004  
 CHK: D. TROUT 09JUL2004  
 APVD: D. TROUT  
 PRODUCT SPEC: 108-2157  
 APPLICATION SPEC: 114-13112  
 WEIGHT: .  
 CUSTOMER DRAWING

NAME: PLNEL MOUNT CABLE RECEPTACLE TYPE PS, WITH GUIDES MUTLI-BEAM XL  
 SIZE: A1  
 CAGE CODE: 100779  
 DRAWING NO: 1600616  
 RESTRICTED TO: J

SCALE: 1:1  
 SHEET: 3 of 6  
 REV: J

LOC	DIST	REV	DATE	BY	APPV
ES	00				
REVISIONS			DESCRIPTION	DATE	BY
			SEE SHEET 1		



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: HAMMER 06 JUL 2004  
 CHK: D. TROUT 09 JUL 2004

DIMENSIONS: INCHES  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PLC ±.  
 1 PLC ±.01  
 2 PLC ±.01  
 3 PLC ±.005  
 4 PLC ±.0020  
 ANGLES ±.2°  
 FINISH

MATERIAL: .

APVD: D. TROUT  
 PRODUCT SPEC: 108-2157  
 APPLICATION SPEC: 114-13112

WEIGHT: .

CUSTOMER DRAWING

NAME: PLNEL MOUNT CABLE RECEPTACLE TYPE PS, WITH GUIDES MUTL 1-BEAM XL

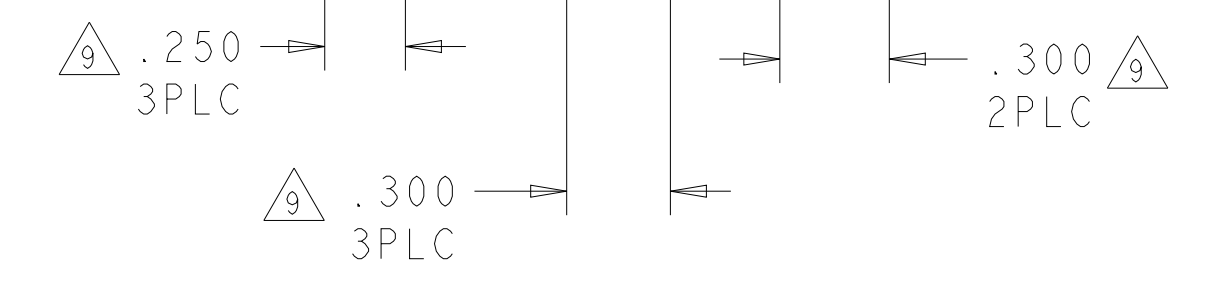
SIZE: 108-2157  
 CAGE CODE: 114-13112  
 DRAWING NO: A100779  
 DRAWING NO: 1600616

RESTRICTED TO: J

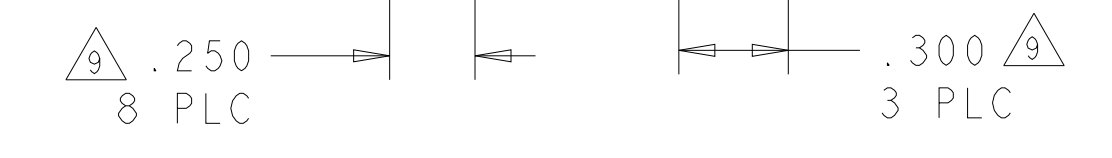
SCALE: 1:1 SHEET 4 OF 6 REV J

LOC		DIST		REVISIONS			
P	LYR	DATE	BY	APPV	DESCRIPTION	DATE	BY
-	-	-	-	-	SEE SHEET 1	-	-

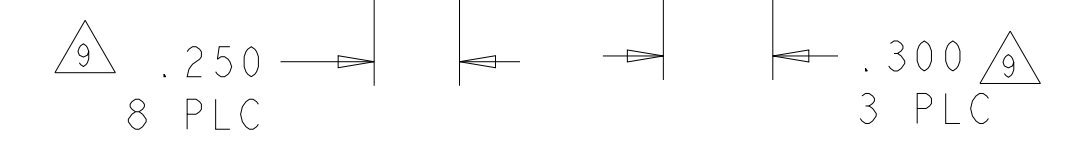
PART NUMBER	ROWS	SIGNAL								POWER						
		6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1		
1-1600616-5	D C B A	E	E	E	E	E	E	E	E	RM	RM	RM	RM	RA	RM	RM
		E	E	E	E	E	E	E	E	RM	RM	RM	RM	RA	RM	RM
		E	E	E	E	E	E	E	E	RM	RM	RM	RM	RA	RM	RM
		E	E	E	E	E	E	E	E	RM	RM	RM	RM	RA	RM	RM
3ACP + 4P + 24S																



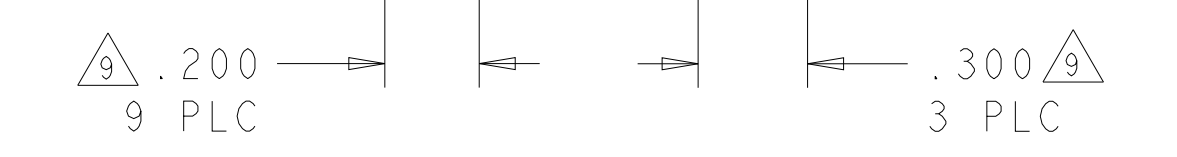
PART NUMBER	ROWS	SIGNAL								POWER									
		4	3	2	1	PI2	PI1	PI0	P9	P8	P7	P6	P5	P4	P3	P2	P1		
1-1600616-7	D C B A	E	E	E	E	E	E	E	E	RM	RM	RM	RM	RM	RM	RM	RA	RM	RM
		E	E	E	E	E	E	E	E	RM	RM	RM	RM	RM	RM	RM	RA	RM	RM
		E	E	E	E	E	E	E	E	RM	RM	RM	RM	RM	RM	RM	RA	RM	RM
		E	E	E	E	E	E	E	E	RM	RM	RM	RM	RM	RM	RM	RA	RM	RM
3ACP + 9P + 16S																			



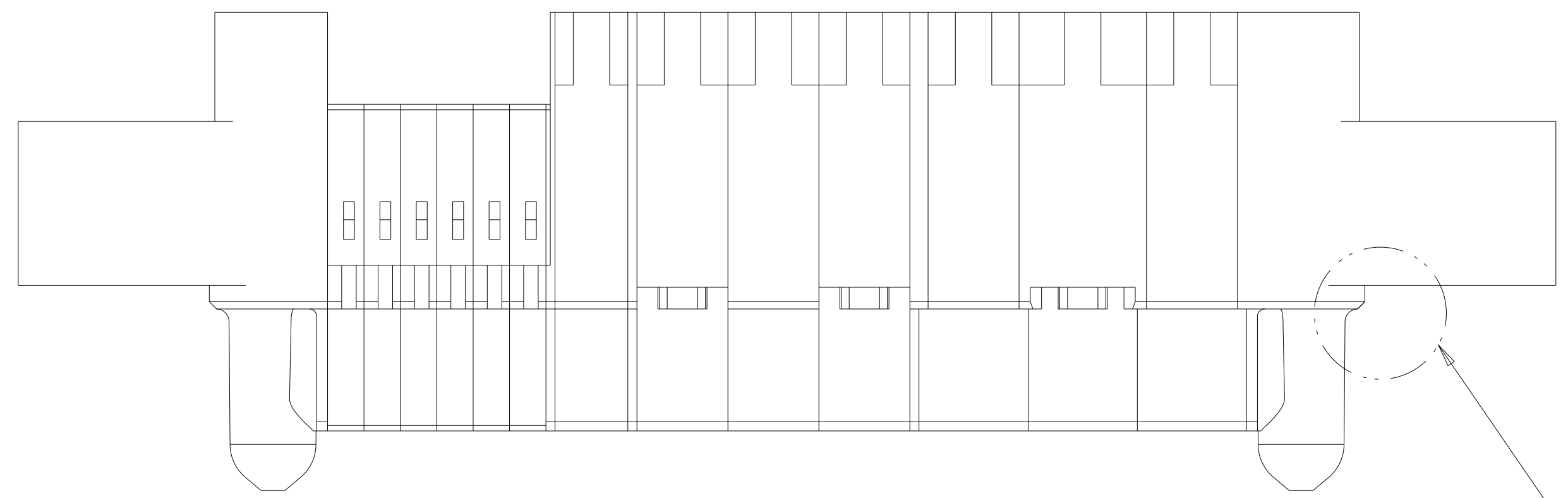
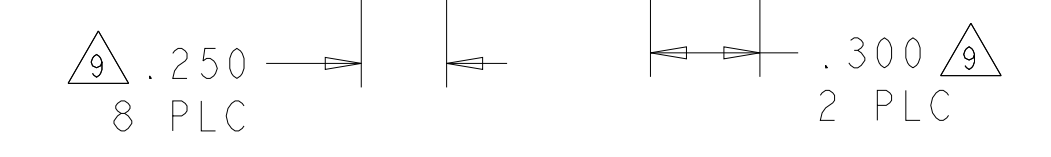
PART NUMBER	ROWS	SIGNAL								POWER								
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1-1600616-6	D C B A	E	E	E	E	E	E	E	E	RM	RM	RM	RM	RM	RM	RM	RM	RM
		E	E	E	E	E	E	E	E	RM	RM	RM	RM	RM	RM	RM	RM	RM
		E	E	E	E	E	E	E	E	RM	RM	RM	RM	RM	RM	RM	RM	RM
		E	E	E	E	E	E	E	E	RM	RM	RM	RM	RM	RM	RM	RM	RM
3ACP + 9P + 16S																		



PART NUMBER	ROWS	SIGNAL								POWER																	
		8	7	6	5	4	3	2	1	PI3	PI2	PI1	PI0	P9	P8	P7	P6	P5	P4	P3	P2	P1					
1-1600616-8	D C B A	E	E	E	E	E	E	E	E	E	E	E	E	E	RM	RM	RA	RA	RA	RA	RM	RM	RM	RA	RM	RM	RM
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		E	E	E	E	E	E	E	E	E	E	E	E	E	RM	RM	RA	RA	RA	RA	RM	RM	RM	RA	RM	RM	RM
4ACP + 9HDP + 32S																											



PART NUMBER	ROWS	SIGNAL								POWER											
		4	3	2	1	PI2	PI1	PI0	P9	P8	P7	P6	P5	P4	P3	P2	P1				
2-1600616-0	D C B A	E	E	E	E	E	E	E	E	RM	RM	RA	RA	RA	RA	RM	RM	RM	RA	RM	RM
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3ACP + 9P + 16S																					



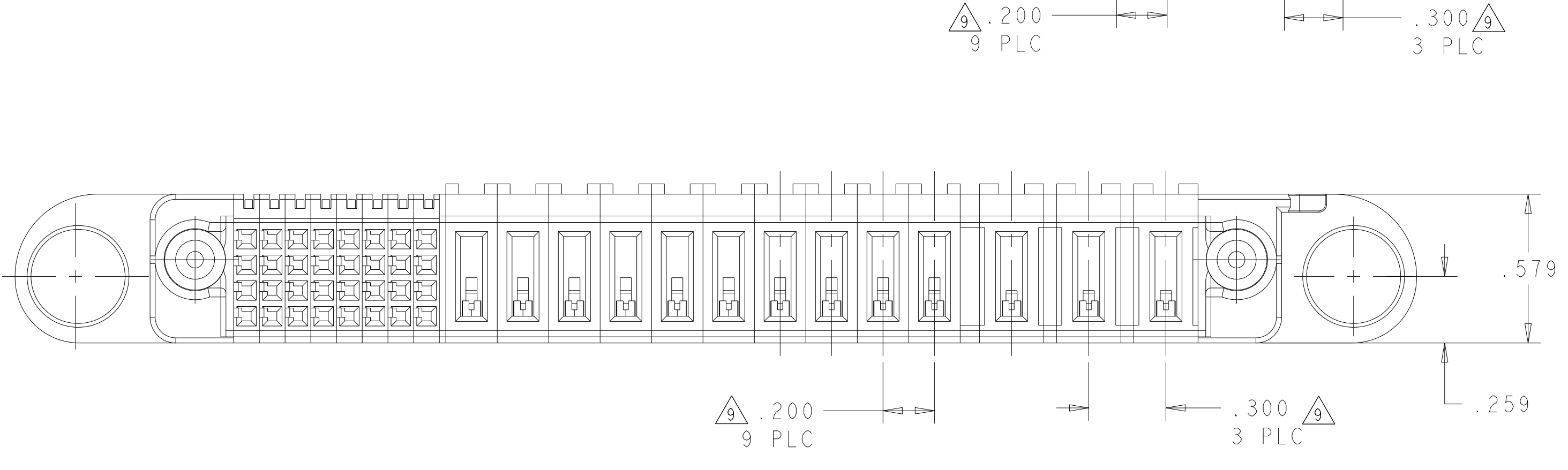
WITHOUT KEY

FOR THE CONFIGURATION WITHOUT KEY  
 PART NUMBER: 1-1600616-5, 1-1600616-6

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN HAMMER 06 JUL 2004	TE Connectivity
DIMENSIONS: INCHES		CHK D. TROUT 09 JUL 2004	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH		APVD D. TROUT	NAME PLNEL MOUNT CABLE RECEPTACLE TYPE PS, WITH GUIDES MUTL1-BEAM XL
MATERIAL		APPLIC SPEC 108-2157	SIZE A1
		WEIGHT	CAGE CODE 1600616
		CUSTOMER DRAWING	RESTRICTED TO SCALE 1:1 SHEET 5 OF 6 REV J

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	SIGNAL									POWER												
		8	7	6	5	4	3	2	1	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	
2-1600616-1	D C B A	E	E	E	E	E	E	E	E	E	RM	RM	RA	RA	RA	RA	RM	RM	RM	RA	RM	RM	RM
		E	E	E	E	E	E	E	E	E	RM	RM	RA	RA	RA	RA	RM	RM	RM	RA	RM	RM	RM
		E	E	E	E	E	E	E	E	E	RM	RM	RA	RA	RA	RA	RM	RM	RM	RA	RM	RM	RM
		E	E	E	E	E	E	E	E	E	RM	RM	RA	RA	RA	RA	RM	RM	RM	RA	RM	RM	RM



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH	DMN: HAMMER 06 JUL 2004 CHK: D. TROUT 09 JUL 2004 APVD: D. TROUT NAME: PLNEL MOUNT CABLE RECEPTACLE TYPE PS, WITH GUIDES MUTLI-BEAM XL PRODUCT SPEC: 108-2157 APPLICATION SPEC: 114-13112 WEIGHT: -	
MATERIAL: -	FINISH: -	SIZE: A1 CAGE CODE: 100779 DRAWING NO: C=1600616 RESTRICTED TO: -	<b>TE</b> Connectivity
CUSTOMER DRAWING		SCALE: 1:1	SHEET 6 OF 6 REV J