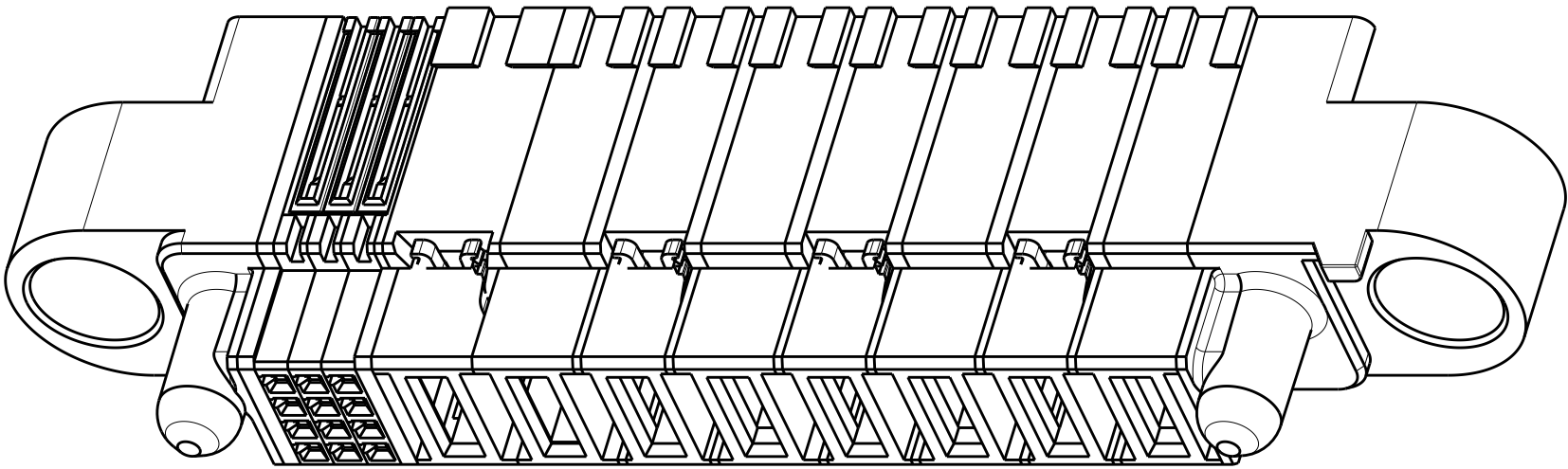
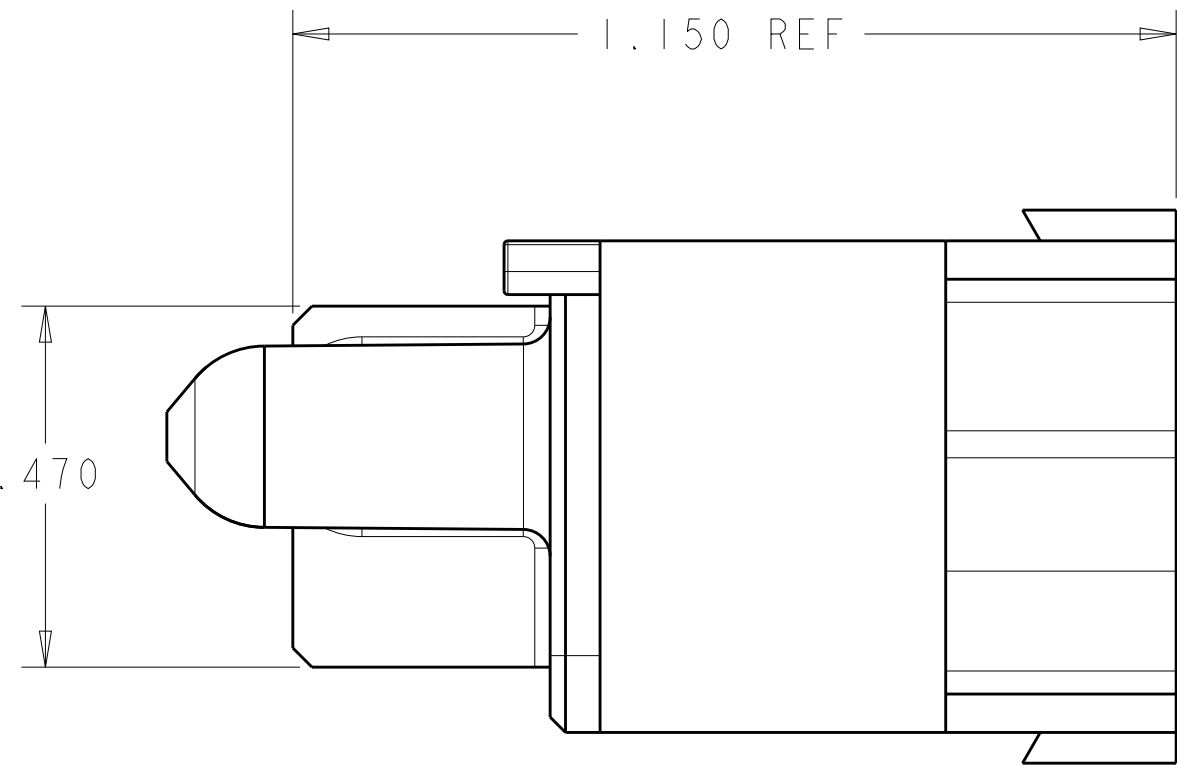
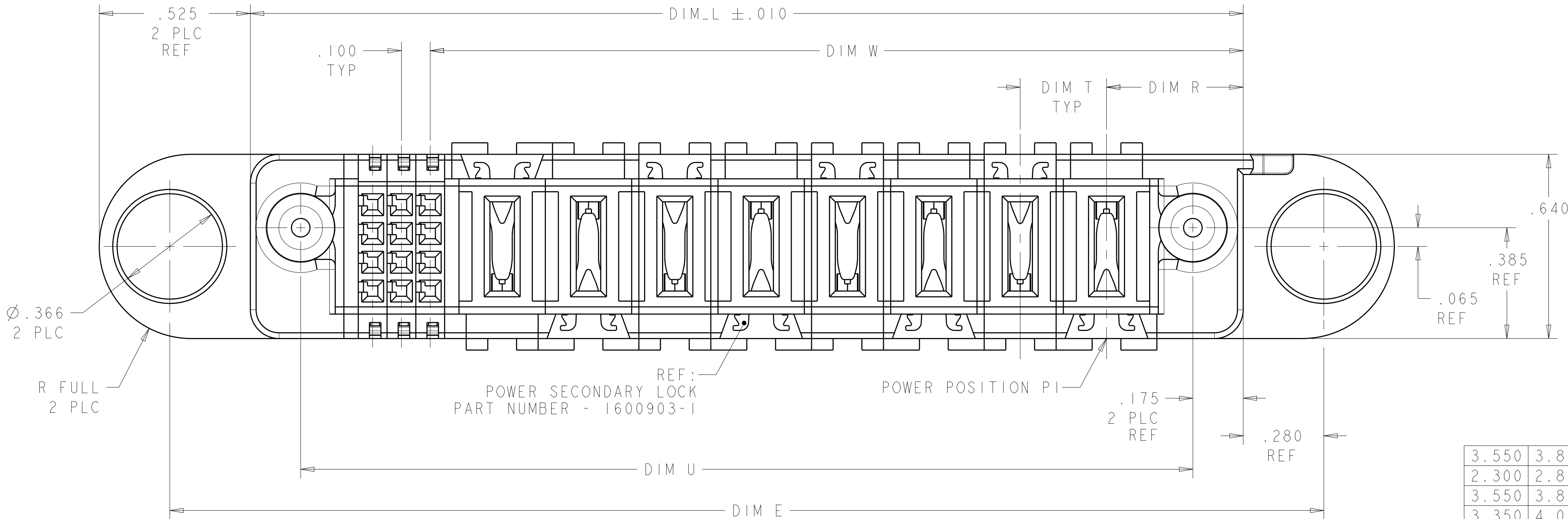


LOC	DIST	REVISIONS						
ES	00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				H1	REVISED 1-2	03AUG2012	CZ	SZ
				H3	ADD NEW DASH NUMBER 1-3	30NOV2014	CZ	SZ
				H4	ADD NEW DASH NUMBER 1-4	02AUG2016	CZ	SZ
				H5	REV PER ECR-17-000673	17JAN2017	WY	SZ

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).
- 10 FOR THE CONFIGURATION OF 1-1600616-5,1-1600616-6,PLEASE REFER TO THE SHEET 4.



ISOMETRIC VIEW
SCALE 2:1

3.550	3.875	9	.475	4.225	5.275	4.785	3ACP + 9P + 16S	1-1600616-6
2.300	2.825	9	.475	3.175	4.225	3.735	3ACP + 4P + 24S	1-1600616-5
3.550	3.875	9	.475	4.225	5.275	4.785	3ACP + 9P + 16S	1-1600616-4
3.350	4.075	9	.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	9	.475	3.175	4.225	3.735	3ACP + 4P + 24S	1600616-8
2.675	3.225	9	.525	3.575	4.625	4.135	3ACP + 6P + 24S	1600616-7
2.350	2.875	9	.475	3.225	4.275	3.785	3ACP + 4P + 24S	1600616-6
2.350	2.875	9	.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	9	.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.

DIMENSIONS:
INCHES

MATERIAL
2

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±.020
FINISH

CHK: HAMMER 06JUL2004
D. TROUT 09JUL2004
D. TROUT

PRODUCT SPEC
108-2157
APPLICATION SPEC
114-13112

WEIGHT
CUSTOMER DRAWING

DWN: HAMMER 06JUL2004
APVD: D. TROUT

NAME
PLNEL MOUNT CABLE RECEPTACLE
TYPE PS, WITH GUIDES
MUTLI-BEAM XL

SIZE
A1

CAGE CODE
100779

DRAWING NO
1600616

RESTRICTED TO
H5

TE Connectivity

SCALE 4:1
SHEET 1 OF 4
REV H5

[illegible]

-6 HAS THE SAME DIM AS -5

PART NUMBER	ROWS		SIGNAL		POWER							
			2	1	P7	P6	P5	P4	P3	P2	P1	
1600616-3	D C B A											
												
												
												
3ACP + 4P + 8S			       									

Technical drawing of a Bulkhead Layout. The drawing shows a rectangular plate with a central rectangular cutout. Key dimensions and tolerances are specified:

- Overall Width:** DIM F + .180 MIN
- Overall Height:** DIM E REF
- Central Cutout Width:** .200 ± .003
- Central Cutout Height:** .200 ± .003
- Top Edge:** R.060 MAX 6 PLC
- Bottom Edge:** .440 MIN 2 PLC
- Right Edge:** .170 ± .003
- Right Side Hole:** Ø.141 ± .002, .004 A B, -D- 2 PLC
- Left Side Hole:** .004 D A
- Internal Features:** .185 ± .003, .170 ± .003, .810
- Surface Finish:** 3, 4, 5, 6, 7, 8
- Material:** BSC
- Labels:** -B-, -A-, DIM E REF, DIM F + .180 MIN, SCALE 2:1

PART NUMBER	ROWS		SIGNAL							POWER							
			6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1		
1600616-5	D C B A		 E	 E	 E	 E	 E	 E	 E	 RM	 RM	 RM	 RM	 RM	 RM	 RM	
			 E	 E	 E	 E	 E	 E	 E	 RM	 RM	 RM	 RM	 RM	 RM	 RM	
			 E	 E	 E	 E	 E	 E	 E	 RM	 RM	 RM	 RM	 RM	 RM	 RM	
			 E	 E	 E	 E	 E	 E	 E	 RM	 RM	 RM	 RM	 RM	 RM	 RM	
3ACP + 4P + 24S			 9  250     300														

REFERENCE

WIRE CHART AND CONTACTS

REFERENCE WIRE CHART AND CONTACTS		
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]

[illegible]

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



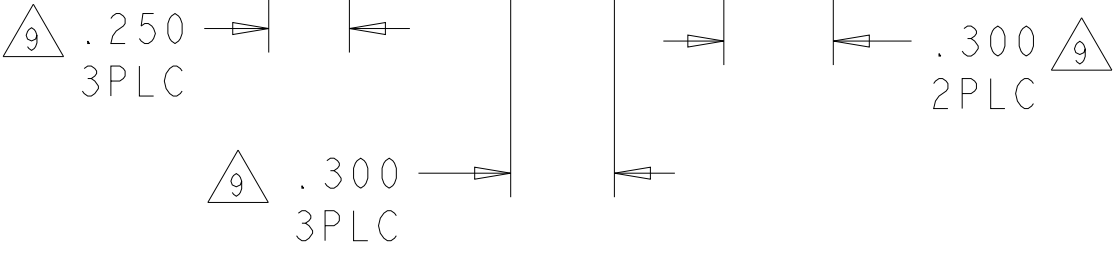
TE Connectivity

NAME PLNEL MOUNT CABLE RECEPTACLE
TYPE PS, WITH GUIDES
MUTLI-BEAM XL

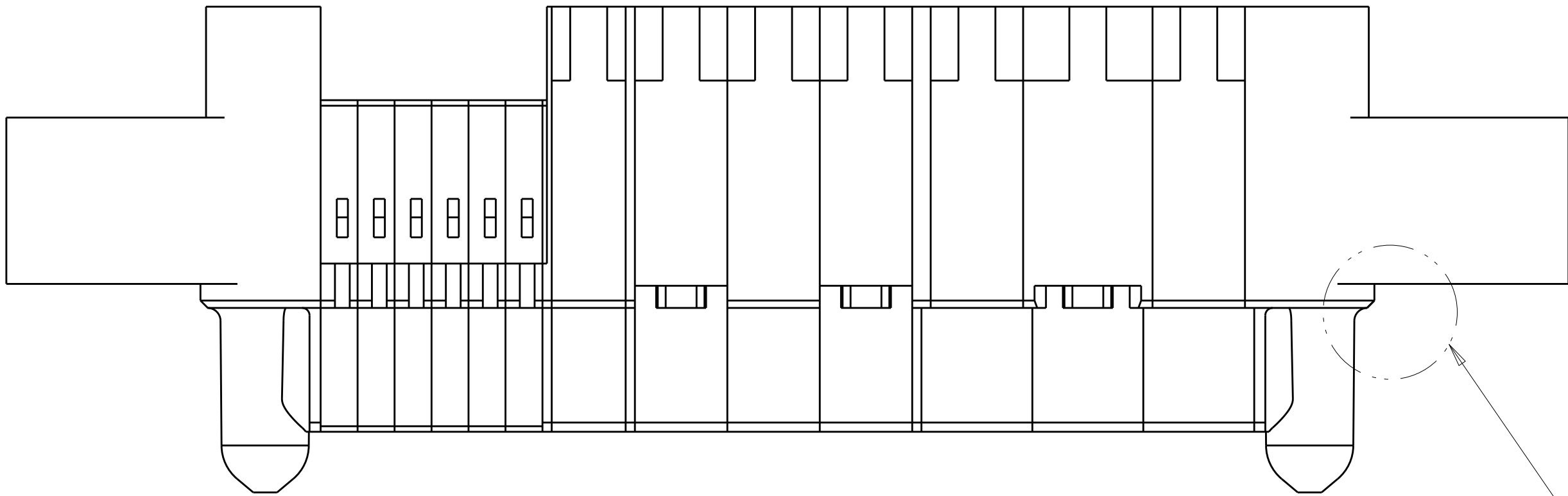
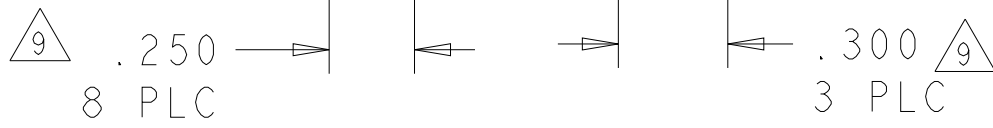
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
A1	00779	C-1600616	-	
		SCALE	4:1	SHEET 2 OF 4
				REV H5

LOC	DIST	REVISIONS				
ES	00	P	LTR	DESCRIPTION	DATE	DWN
						APVD

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



PART NUMBER	ROWS		SIGNAL				POWER												
			4	3	2	1	PI2	PI1	PI0	P9	P8	P7	P6	P5	P4	P3	P2	P1	
I-1600616-6	D C B A		E	E	E	E	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM	
			E	E	E	E													
			E	E	E	E													
			E	E	E	E													
3ACP + 9P + 16S																			



WITHOUT KEY

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN HAWMER	06JUL2004	TE Connectivity		
DIMENSIONS:		CHK D. TROUT	09JUL2004			
INCHES		APVD D. TROUT	-	NAME		
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
		0 PLC ±-		108-2157		
		1 PLC ±-		APPLICATION SPEC		
		2 PLC ±.01		SIZE		
		3 PLC ±.005		CAGE CODE		
		4 PLC ±.0020		DRAWING NO		
		ANGLES ±2°		RESTRICTED TO		
MATERIAL		FINISH		A100779C=1600616		
				CUSTOMER DRAWING		
				SCALE 4:1 SHEET 4 OF 4 REV H5		

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1600616-2](#)