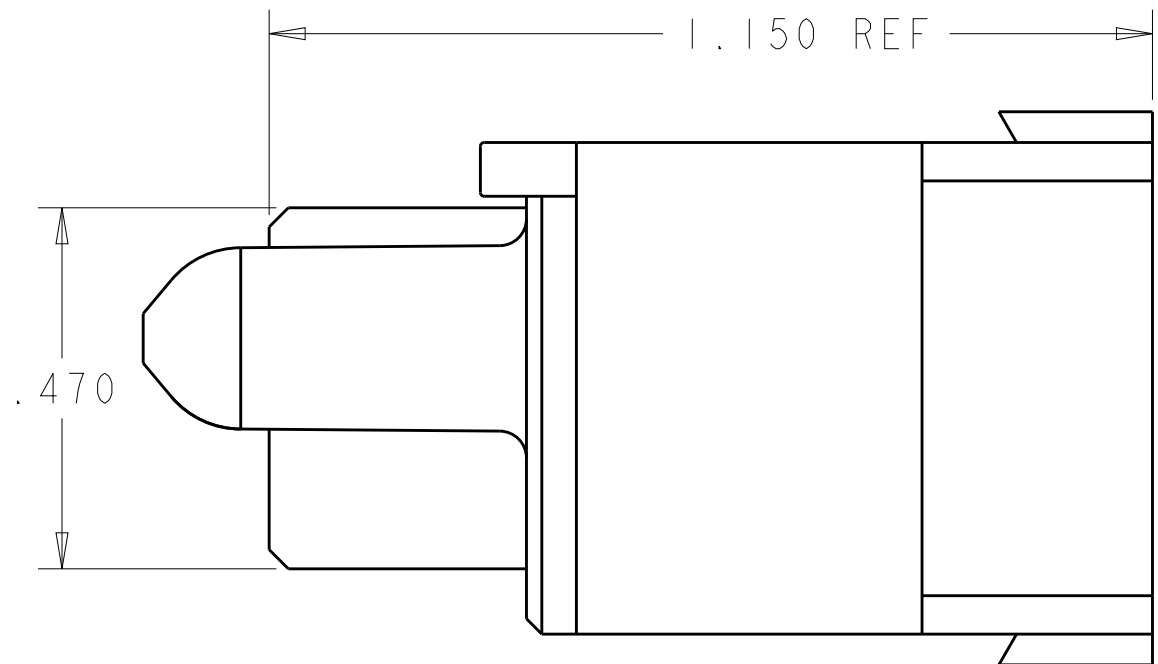
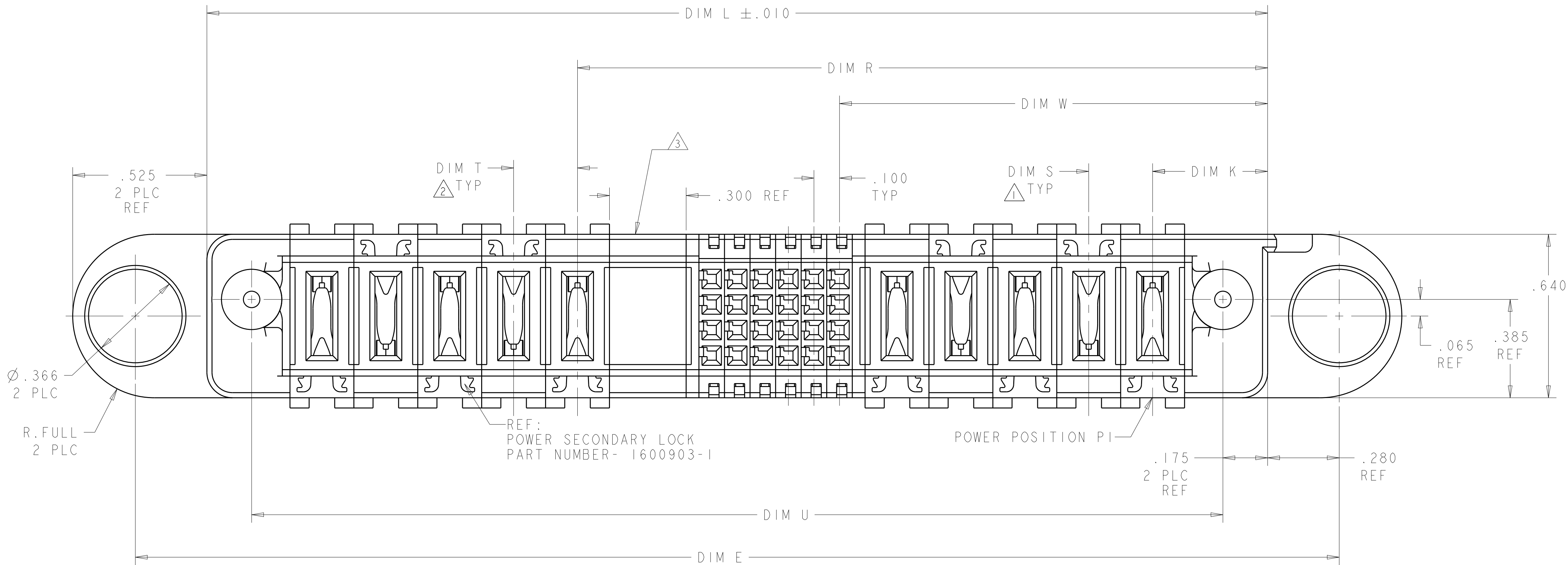
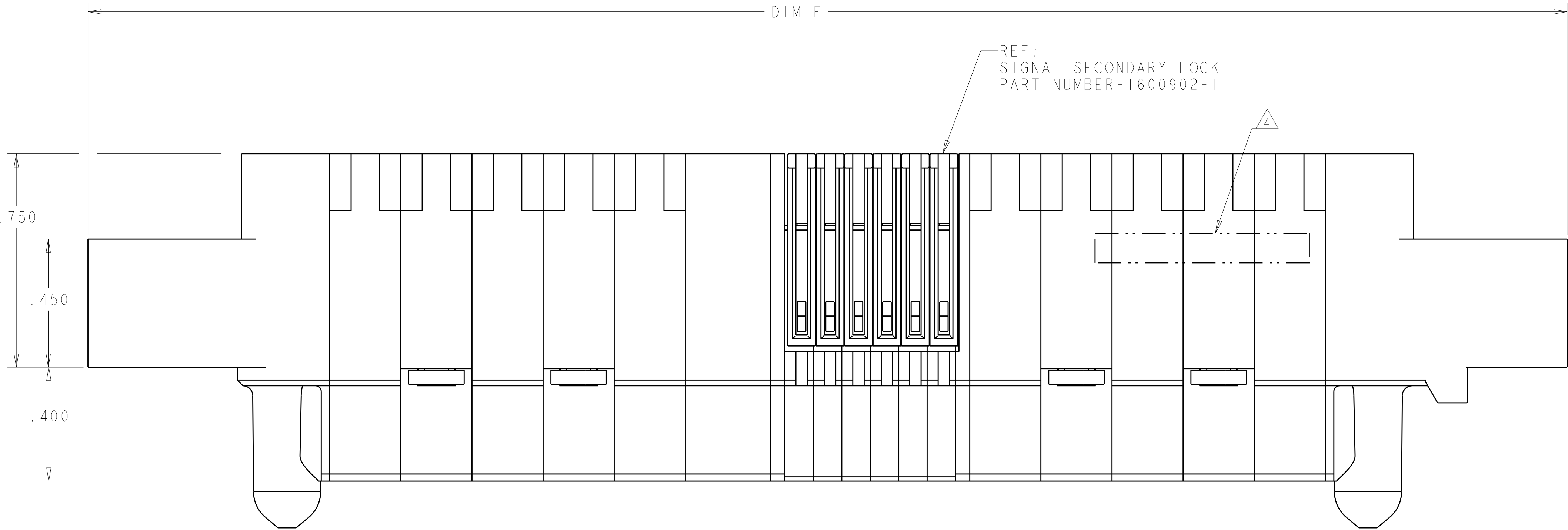
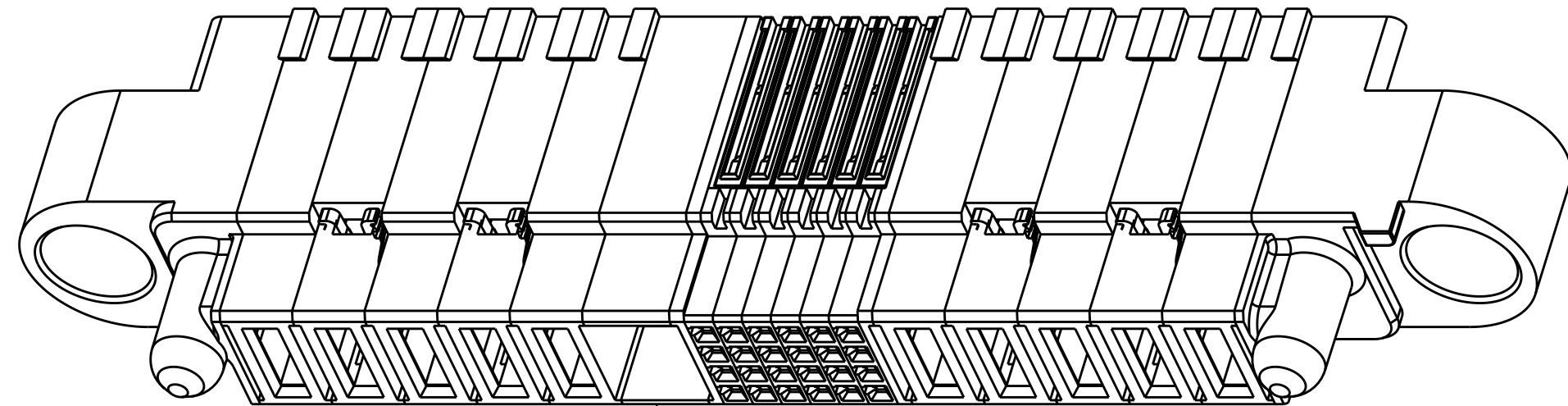
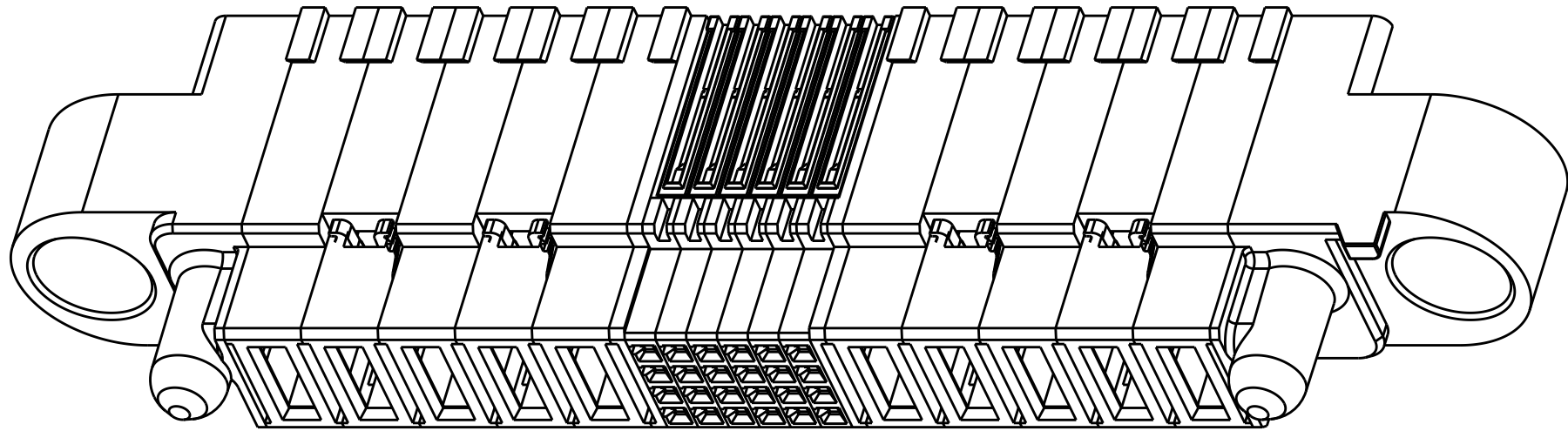
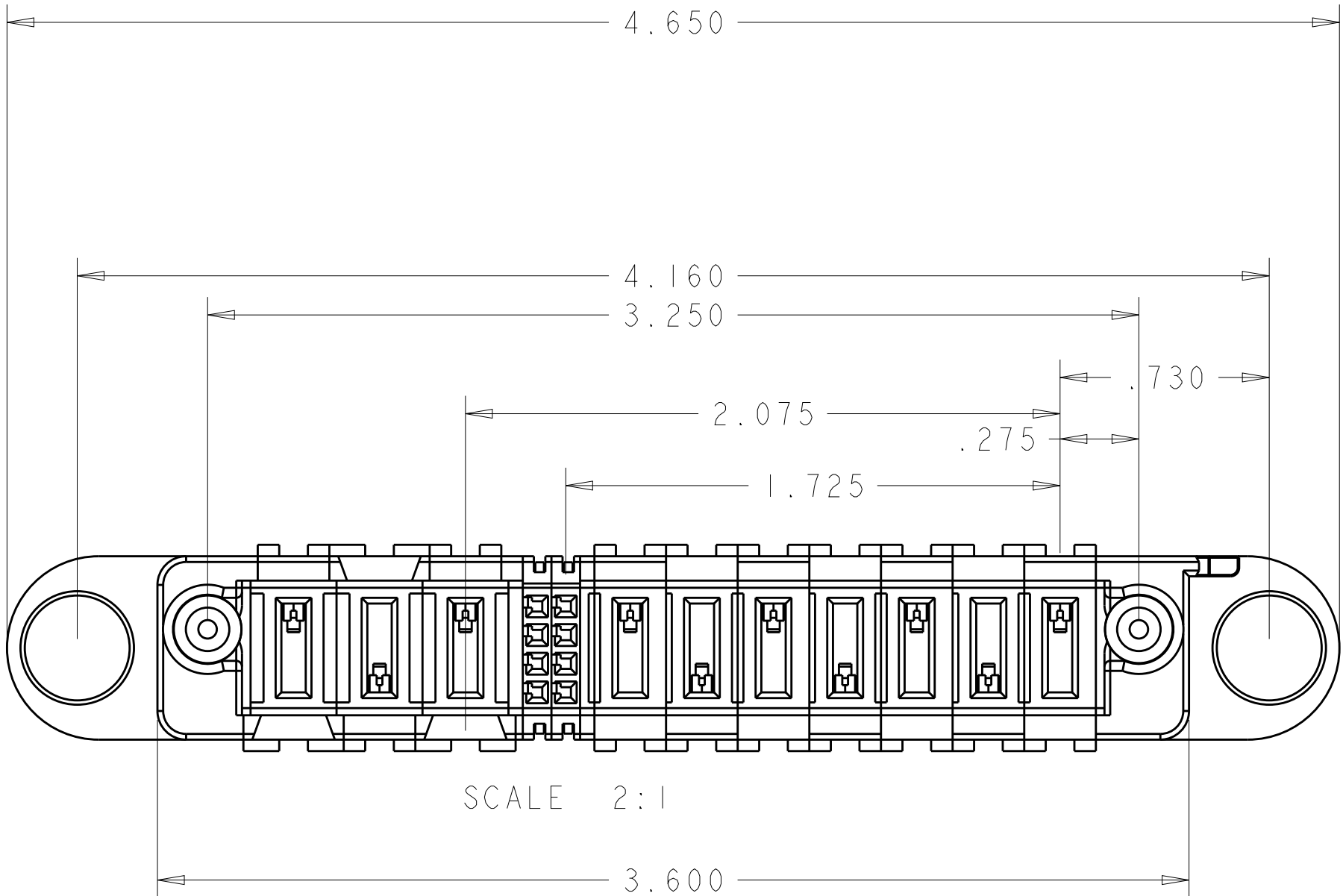


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
M4		ADD NEW DASH NUMBER 3-9	22JAN2016	CZ	SZ
M5		REVISED 3-9	28JAN2016	CZ	SZ
M6		ADDED NEW DASH NUMBER 4-0	01MAR2016	CZ	SZ



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D.RINGLER 28JUL2003	TE Connectivity	
		CHK M.CORRELL 28JUL2003		
DIMENSIONS:		APVD	NAME	
mm			PRODUCT SPEC	
			108-2157	
			APPLICATION SPEC	
			114-13112	
			WEIGHT	
MATERIAL			SIZE	
TBD			A1	
			CAGE CODE	
			-	
			DRAWING NO	
			C=1600636	
			RESTRICTED TO	
			-	
			CUSTOMER DRAWING	
			SCALE	
			4:1	
			SHEET	
			1 OF 5	
			REV	
			M5	

REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN



1 DIM S IS CENTERLINE SPACING OF POWER MODULES ON RIGHT SIDE OF HOUSING.

2 DIM T IS CENTERLINE SPACING OF POWER MODULES ON LEFT SIDE OF HOUSING.

3 OPTIONAL CENTER MODULE.

4 COMPANY TRADEMARK, PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES.

5 MATERIAL: THERMO PLASTIC, UL94 V-0.

6 DATUM LOCATIONS AND BASIC DIMENSIONS TO BE ESTABLISHED BY THE CUSTOMER.

7 BULKHEAD THICKNESS RANGE: .031 - .100

8 CONNECTOR MATED TO PANEL FROM OPPOSITE SIDE.

9 NO BURRS ALLOWED ON OPPOSITE (MATING) SIDE.

10 CONNECTOR KEEP OUT ZONE.

11 MOUNT CONNECTOR WITH TYCO HARDWARE KIT (SEE TABLE) FOR .050 [1.27mm] MIN RADIAL FLOAT.

12 VARIABLE DIMENSIONS SHOWN ON VIEW (SHEET 3).

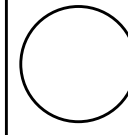
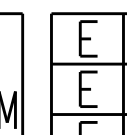
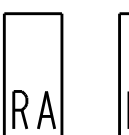
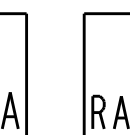
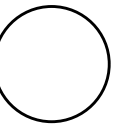
13 NOT RELEASE FOR PRODUCTION

14. HARDWARE KIT P/N SOLD SEPARATELY

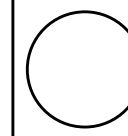
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1600914-1	NO	.625	1.200	-	-	1.000	1.450	.450	2.500	2.010	1P + 12S + 1P	3-1600636-9
1600914-1	NO	1.425	2.500	.250	.250	2.150	2.850	.450	3.900	3.410	4P + 24S + 2P	3-1600636-8
1600914-1	NO	.675	1.700	-	-	1.600	2.050	.450	3.100	2.610	1P + 32S + 1P	3-1600636-7
1600914-1	NO	.875	1.700	.250	.250	1.350	2.050	.450	3.100	2.610	2P + 16S + 2P	3-1600636-6
1600914-1	NO	.675	1.100	-	-	1.000	1.450	.450	2.500	2.010	1P + 8S + 1P	3-1600636-5
1600914-1	NO	1.325	3.000	.250	.300	1.650	3.350	.475	4.400	3.910	3ACP + 8S + 6P	3-1600636-4
1600000-1	NO	1.325	3.000	.300	.300	2.275	3.350	.475	4.400	3.910	3ACP + 32S + 3ACP	3-1600636-3
1600914-1	NO	1.725	3.250	.300	.250	2.075	3.600	.450	4.650	4.160	7P + 8S + 3ACP	2-1600636-9
1600914-1	NO	1.025	1.800	.300	.300	1.375	2.150	.475	3.200	2.710	2ACP + 8S + 2ACP	2-1600636-8
1600914-1	NO	1.325	3.250	.250	.300	1.650	3.600	.475	4.650	4.160	3ACP + 8S + 7P	2-1600636-7
1600000-1	NO	1.325	3.000	.300	.300	2.275	3.350	.475	4.400	3.910	3ACP + 32S + 3ACP	2-1600636-6
1600000-1	NO	1.025	2.200	.300	.300	1.775	2.550	.475	3.600	3.110	2ACP + 24S + 2ACP	2-1600636-5
1600914-1	NO	1.175	2.300	.250	.250	1.700	2.650	.450	3.700	3.210	3P + 16S + 3P	2-1600636-4
1600914-3	NO	2.225	4.800	.250	.300	2.950	5.150	.475	6.200	5.710	6ACP + 24S + 8P	2-1600636-3
1600914-1	NO	1.425	3.200	.250	.250	2.350	3.550	.450	4.600	4.110	4P + 32S + 4P	2-1600636-2
1600914-1	NO	1.925	3.400	.300	.250	2.675	3.750	.450	4.800	4.310	6P + 24S + 3ACP	2-1600636-1
1600914-1	NO	.725	2.500	-	12	2.375	2.850	.475	3.900	3.410	1P + 60S + 1P	2-1600636-0
1600914-1	NO	1.875	3.450	12	12	2.775	3.800	.425	4.850	4.380	6P + 32S + 3 ACP	1-1600636-8
1600914-1	NO	1.925	2.600	.250	.250	2.250	2.950	.450	4.000	3.510	6P + 8S + 2P	1-1600636-7
1600914-3	NO	2.175	5.100	.250	.250	3.500	5.450	.450	6.500	6.010	7P + 48S + 7P	1-1600636-6
1600914-1	NO	1.425	3.000	.250	.250	2.150	3.350	.450	4.400	3.910	4P + 24S + 4P	1-1600636-5
1600914-1	NO	1.325	2.800	.300	.300	2.075	3.150	.475	4.200	3.710	3ACP + 24S + 3ACP	1-1600636-4
1600914-1	NO	.675	1.300	-	-	1.200	1.650	.450	2.700	2.210	1P + 16S + 1P	1-1600636-3
1600914-1	NO	1.425	3.000	.250	.250	2.150	3.350	.450	4.400	3.910	4P + 24S + 4P	1-1600636-2
1600914-1	NO	.700	1.575	-	-	1.425	1.925	.475	2.975	2.485	1P + 24S + 1P	1-1600636-1
1600914-1	NO	.925	1.800	.250	.250	1.450	2.150	.450	3.200	2.710	2P + 16S + 2P	1-1600636-0
1600914-1	NO	.700	1.575	-	-	1.425	1.925	.475	2.975	2.485	1P + 24S + 1P	1600636-9
1600914-1	NO	1.175	2.300	.250	.250	1.700	2.650	.450	3.700	3.210	3P + 16S + 3P	1600636-8
1600914-1	NO	1.425	2.500	.250	.250	2.150	2.850	.450	3.900	3.410	4P + 24S + 2P	1600636-7
1600914-3	NO	1.625	5.200	.250	.300	2.350	5.550	.475	6.600	6.110	4ACP + 24S + 12P	1600636-6
	NO	1.425	3.000	.250	.250	2.150	3.350	.450	4.400	3.910	4P + 24S + 4P	1600636-5
1600914-1	NO	.925	2.500	.250	.250	2.150	2.850	.450	3.900	3.410	2P + 44S + 2P	1600636-4
1600914-1	NO	.750	1.675	-	-	1.525	2.025	.475	3.075	2.585	1P + 24S + 1P	1600636-3
1600914-1	NO	.925	2.000	.250	.250	1.650	2.350	.450	3.400	2.910	2P + 24S + 2P	1600636-2
1600914-3	NO	1.925	4.000	.300	.300	2.675	4.350	.475	5.400	4.910	5ACP + 24S + 5ACP	1600636-1
KIT P/N 13 CENTER MODULE		DIM W	DIM U	DIM T	DIM S	DIM R	DIM L	DIM K	DIM F	DIM E	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. RINGLER CHK M. CORRELL 28JUL2003	TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±. 3 PLC ±.005 4 PLC ±.0020 ANGLES ±. FINISH	PRODUCT SPEC 108-2157 APPLICATION SPEC 114-13112	NAME PANEL MOUNT CABLE RECEPTACEL HOUSING WITH GUIDES MULTI-BEAM XL
MATERIAL TBD 6		WEIGHT -	SIZE A1	RESTRICTED TO -
CUSTOMER DRAWING		SCALE 4:1		REV M5

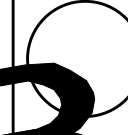
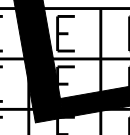
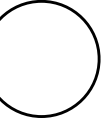
REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN APVD

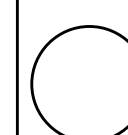
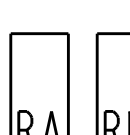
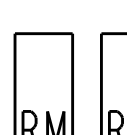
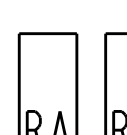
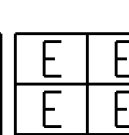
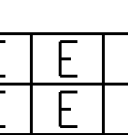
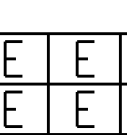
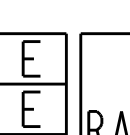
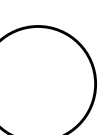
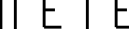
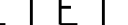
PART NUMBER	ROWS		POWER (L)					SIGNAL					POWER (R)						
			P10	P9	P8	P7	P6	6	5	4	3	2	1	P5	P4	P3	P2		P1
1600636-1	D							E	E	E	E	E	E						
	C							E	E	E	E	E	E						
	B							E	E	E	E	E	E						
	A							E	E	E	E	E	E						
5ACP + 24S + 5ACP																			

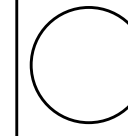
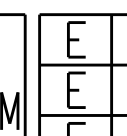
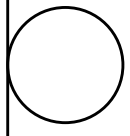
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			P4	P3	6	5	4	3	2	1	P2		P1
1600636-2	D				E	E	E	E	E	E			
	E				E	E	E	E	E				
	E				E	E	E	E	E				
	E				E	E	E	E	E				
2P + 24S + 2P													

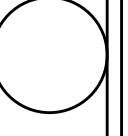
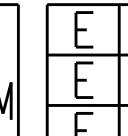
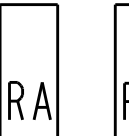
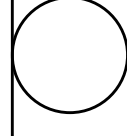
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			P2	6	5	4	3	2	1	P1		
1600636-3	D			E	E	E	E	E	E	E		
	C			E	E	E	E	E	E			
	B			E	E	E	E	E	E			
	A			E	E	E	E	E	E			
	IP + 24S + IP											

PART NUMBER	ROWS		POWER (L)		SIGNAL										POWER (R)		
			P4	P3	11	10	9	8	7	6	5	4	3	2	1	P2	
1600636-4	D C B A																
2P + 44S + 2P																	

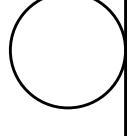
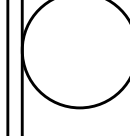
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1600636-5	D						E	E	E	E	E	E						
	C						E	E	E	E	E	E						
	B						E	E	E	E	E	E						
	A						E	E	E	E	E	E						
4P + 24S + 4P																		

PART NUMBER	ROWS		POWER (L)												SIGNAL						POWER (R)					
			P16	P15	P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1		
1600636-6	D C B A														E	E	E	E	E	E						
															E	E	E	E	E	E						
																E	E	E	E	E						E
																E	E	E	E	E						E
4ACP + 24S + 12P																										

PART NUMBER	ROWS		POWER (L)		SIGNAL					POWER (R)					
			P6	P5	6	5	4	3	2	1	P4	P3	P2		P1
1600636-7	D				E	E	E	E	E	E					
	E				E	E	E	E	E						
	E				E	E	E	E	E						
	E				E	E	E	E	E						
4P + 24S + 2P															

PART NUMBER	ROWS		POWER (L)			SIGNAL						POWER (R)			
			P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	
1-1600636-4	D					E	E	E	E	E	E				
	E					E	E	E	E	E					
	E					E	E	E	E	E					
	E					E	E	E	E	E					
3ACP + 24S + 3ACP															

PART NUMBER	ROWS		POWER (L)			SIGNAL				POWER (R)			
			P6	P5	P4	4	3	2	1	P3	P2	P1	
1600636-8	D C B A					E	E	E	E				
						E	E	E	E				
						E	E	E	E				
						E	E	E	E				
3P + 16S + 3P													

PART NUMBER	ROWS		POWER (L)	SIGNAL						POWER (R)	
			P2	6	5	4	3	2	1	P1	
1600636-9	D			E	E	E	E	E	E		
	E			E	E	E	E	E			
	E			E	E	E	E	E			
	E			E	E	E	E	E			
IP + 24S + IP											

[illegible][illegible][illegible]

6P + 32S + 3ACP

2 PLC

5 PLC

BULKHEAD LAYOUT

DIM F + .180 MIN

.185 ± .003

R.060
6 PLC

.440 MIN
2 PLC

BSC

.170 ± .003

.810

Ø.141 ± .002

Ø.004 A B

-D-
2 PLC

.200 ± .003

DIM E REF

BSC

-B-

-A-

RM
RA
E
CODE

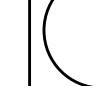
DRN D. RINGLER 28JUL2003
CHK M. CORDELL 28JUL2003

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. RINGLER 28JUL2003		 TE Connectivity	
		CHK W. CORRELL 28JUL2003			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME PANEL MOUNT CABLE RECEPTACLE HOUSING WITH GUIDES MULTI-BEAM XL	
mm		APVD			
	0.100 ± .	PRODUCT SPEC.	108-2157		
	0.005 ± .	APPLICATION SPEC.	114-13112		
	0.0020 ± .	WEIGHT	-	SIZE A1	
MATERIAL	FINISH			CAGE CODE 1600636	
TBD	-			DRAWING NO. -	
		CUSTOMER DRAWING		RESTRICTED TO -	
				SCALE 4: SHEET 1 OF 5 REV M5	

REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN

PART NUMBER	ROWS		POWER								SIGNAL						POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			P14	P13	P12	P11	P10	P9	P8	P7	6	5	4	3	2	1	P6	P5	P4	P3	P2	P1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
2-1600636-3	D			RM				RM		RA				E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E		E	

NO CONTACTS LOADED

PART NUMBER	ROWS		POWER (L)		SIGNAL		POWER (R)		
			P4	P3	2	1	P2	P1	
2-1600636-8	D								
									
									
									
2ACP + 8S + 2ACP									

PART NUMBER	ROWS		POWER (L)			SIGNAL				POWER (R)			
			P6	P5	P4	4	3	2	1	P3	P2	P1	
2-1600636-4	D												
	C												
	B												
	A												
3P + 16S + 3P													

PART NUMBER	ROWS		POWER			SIGNAL		POWER								
			P10	P9	P8	2	1	P7	P6	P5	P4	P3	P2	P1		
2-1600636-9	D		RM	RM	RM	E	E	RM	RM	RM	RM	RM	RM	RM		
	E					E										
	E					E										
	E					E										
7P + 8S + 3ACP																

PART NUMBER	ROWS		POWER						SIGNAL		POWER			
			P9	P8	P7	P6	P5	P4	2	1	P3	P2	P1	
3-1600636-4	D		RM	RM	RM	RM	RM	RM	E	E	RM	RM	RM	
	C								E	E				
	B								E	E				
	A								E	E				
3ACP + 8S + 6P														

PART NUMBER	ROWS		POWER (L)		SIGNAL						POWER (R)							
			P4	P3	6	5	4	3	2	1	P2	P1						
2-1600636-5	D																	
																		
																		
																		
2ACP + 24S + 2ACP																		

PART NUMBER	ROWS		POWER			SIGNAL								POWER			
			P6	P5	P4	8	7	6	5	4	3	2	1	P3	P2	P1	
3-1600636-3	D					E	E	E	E	E	E	E	E				
	E					E	E	E	E	E	E	E					
	E					E	E	E	E	E	E	E					
	E					E	E	E	E	E	E	E					
3ACP + 32S + 3ACP																	

PART NUMBER	ROWS		P(L)	SIGNAL		P(R)	
			P2	2	1	P1	
3-1600636-5	D		 RM	E	E	 RM	
	C			E	E		
	B			E	E		
	A			E	E		
IP + 8S + IP							

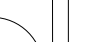
PART NUMBER	ROWS		POWER			SIGNAL								POWER			
			P6	P5	P4	8	7	6	5	4	3	2	1	P3	P2	P1	
2-1600636-6	D					E	E	E	E	E	E	E	E				
	E					E	E	E	E	E	E	E					
	E					E	E	E	E	E	E	E					
	E					E	E	E	E	E	E	E					
3ACP + 32S + 3ACP																	

PART NUMBER	ROWS		POWER (L)		SIGNAL				POWER (R)		
			P4	P3	4	3	2	1	P2	P1	
3-1600636-6	D				E	E	E	E			
	E				E	E	E				
	E				E	E	E				
	E				E	E	E				
2P + 16S + 2P											

PART NUMBER	ROWS		POWER								SIGNAL		POWER			
			P10	P9	P8	P7	P6	P5	P4	2	1	P3	P2	P1		
2-1600636-7	D		RM	RM	RM	RM	RM	RM	RM	E	E	RM	RM	RM		
	E									E						
	E									E						
	E									E						
3ACP + 8S + 7P																

PART NUMBER	ROWS		POWER	SIGNAL		
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER			SIGNAL											POWER									
			P11	P10	P9	I1	I0	9	8	7	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1		
4-1600636-0	D		RM	RM	RA	E	E	E	E	E	E	E	E	E	E	E	RA	RA	RA	RM	RM	RM	RM	RA		
	E					E	E	E	E	E	E	E	E	E	E	E										
	E					E	E	E	E	E	E	E	E	E	E	E										E
	E					E	E	E	E	E	E	E	E	E	E	E										E
8P + 44S + 3ACP																										

THIS DRAWING IS A CONTROLLED DOCUMENT				DWN D. RINGLER 28JUL2003		 TE Connectivity									
				CHK M. CORRELL 28JUL2003											
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:				NAME PANEL MOUNT CABLE RECEPTACLE HOUSING WITH GUIDES MULTI-BEAM XL									
mm		APPROVED -													
		PRODUCT SPEC													
		108-2157													
		APPLICATION SPEC													
		114-13112													
MATERIAL		ANGLES ±.0020				SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
TBD		FINISH				WEIGHT		A1		C=1600636		-			
CUSTOMER DRAWING						SCALE		4:1		SHEET		1 OF 5		REV M5	

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