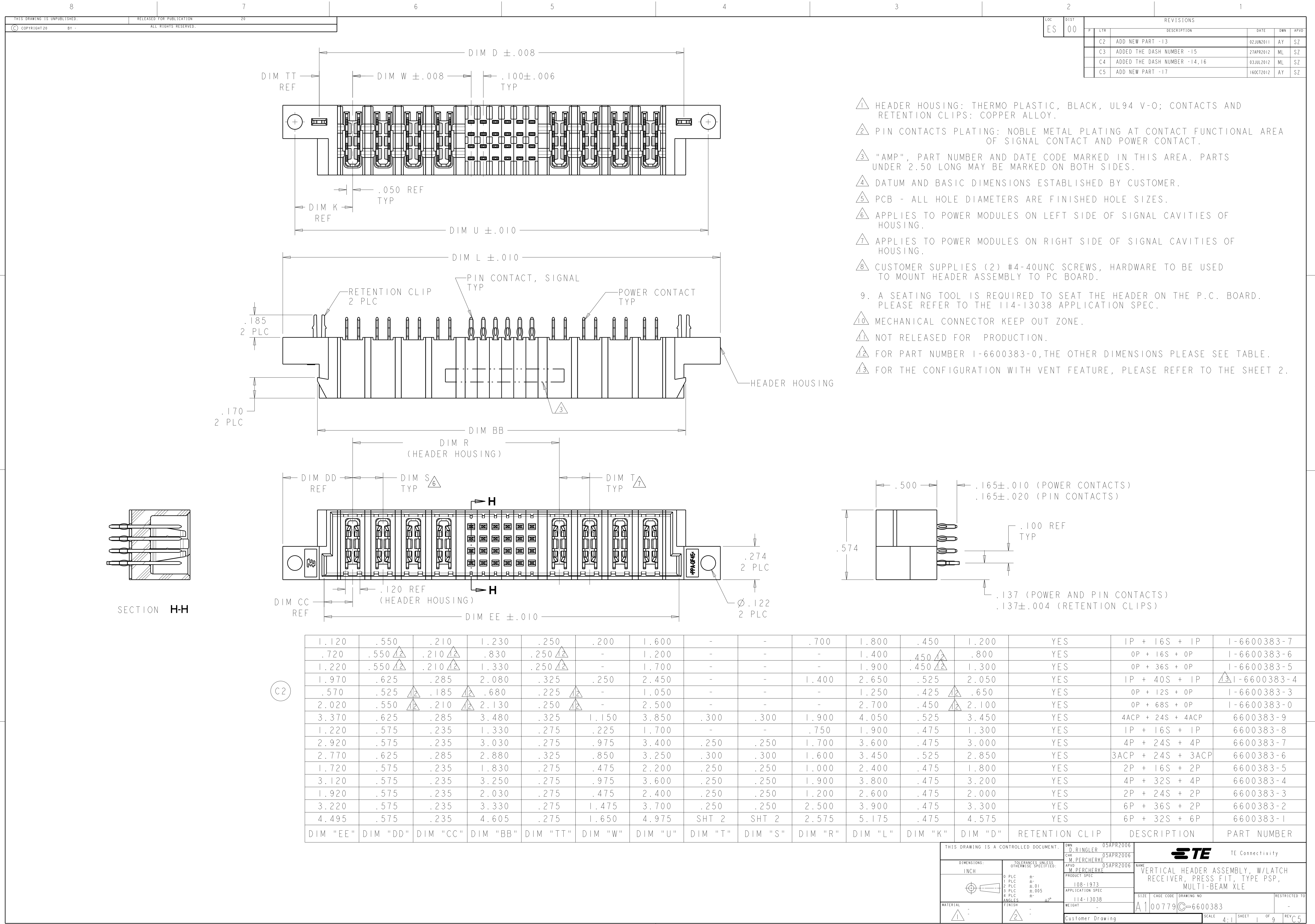


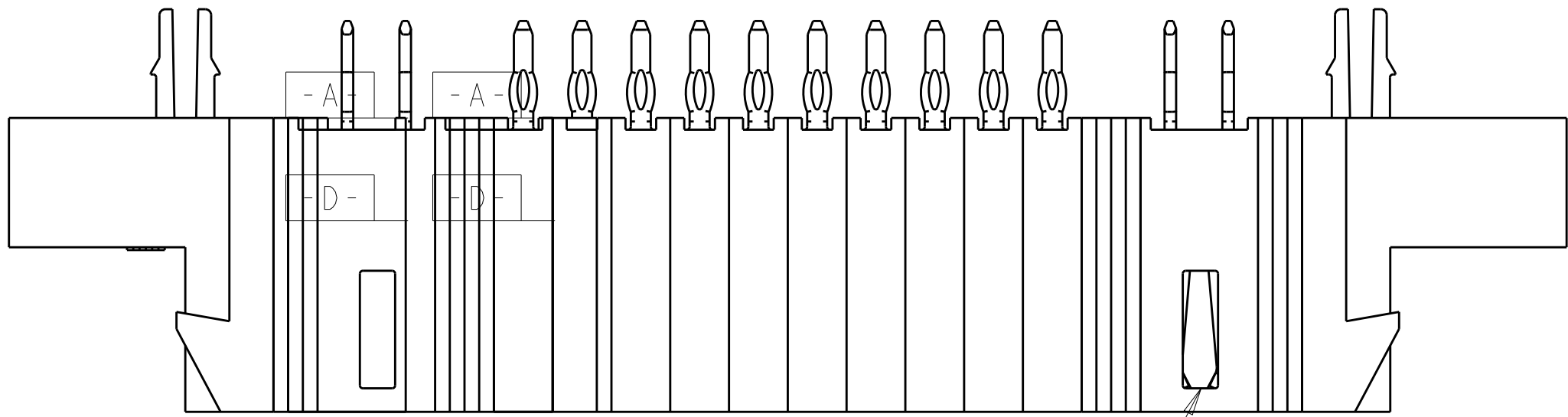
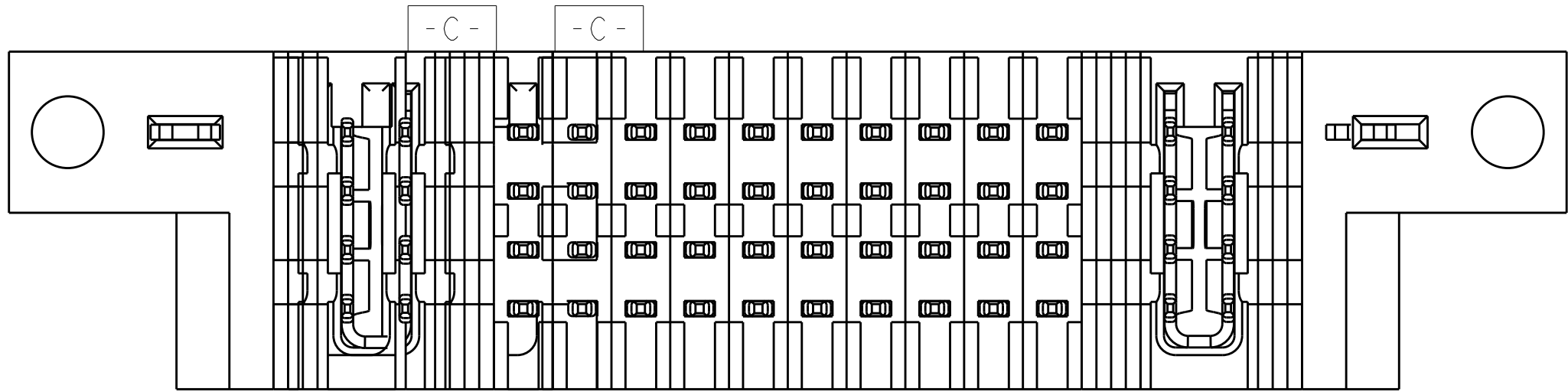
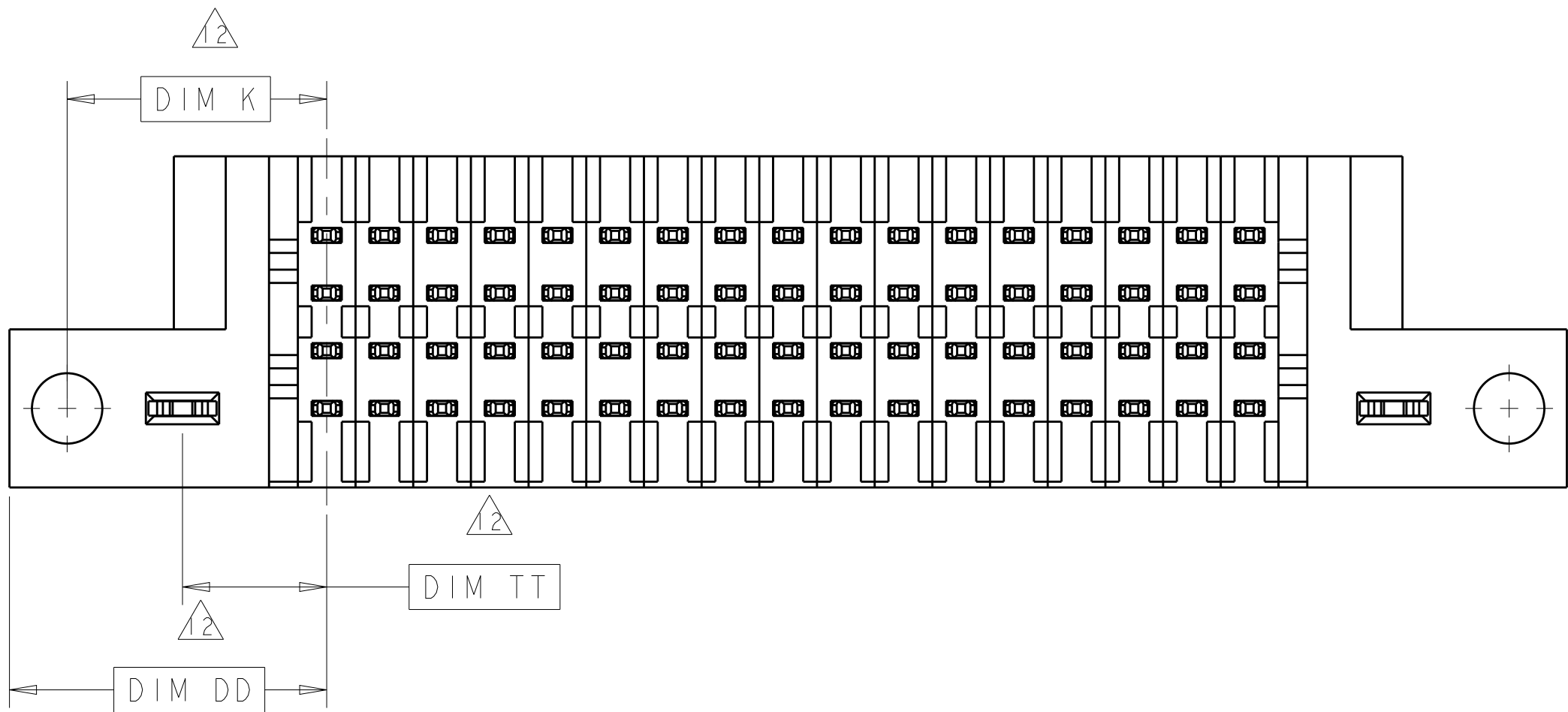
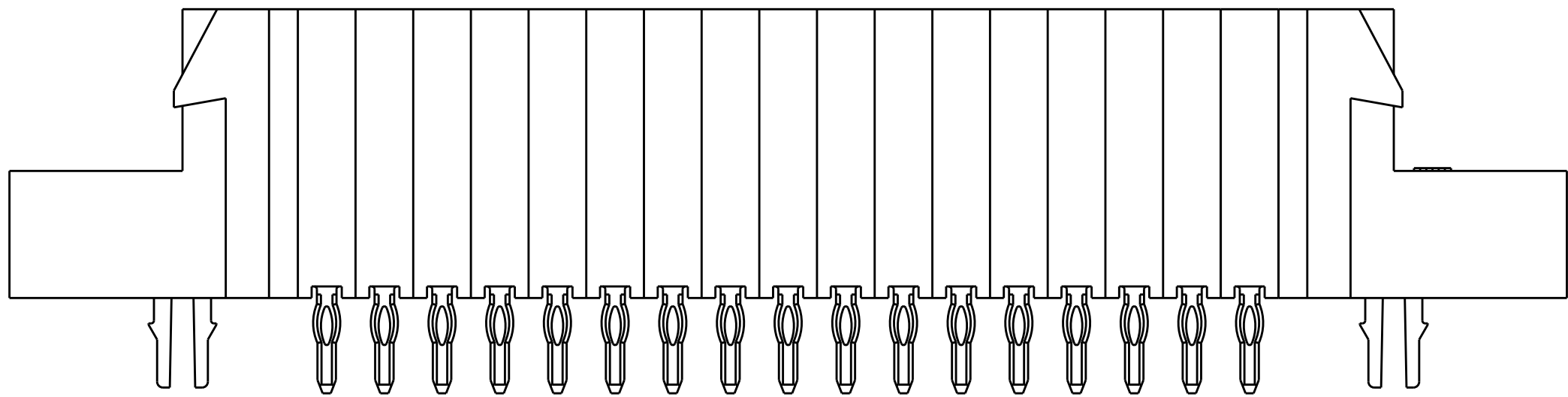
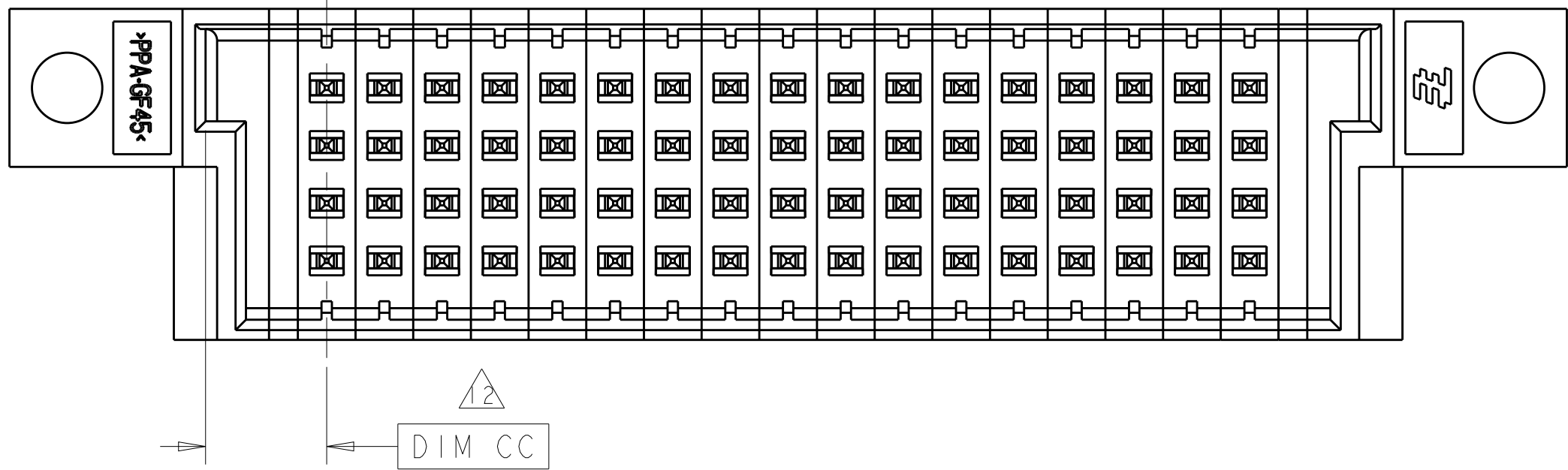


LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
ES	00	C2		ADD NEW PART -13	02JUN2011	AY
		C3		ADDED THE DASH NUMBER -15	27APR2012	ML
		C4		ADDED THE DASH NUMBER -14,16	03JUL2012	ML
		C5		ADD NEW PART -17	16OCT2012	AY

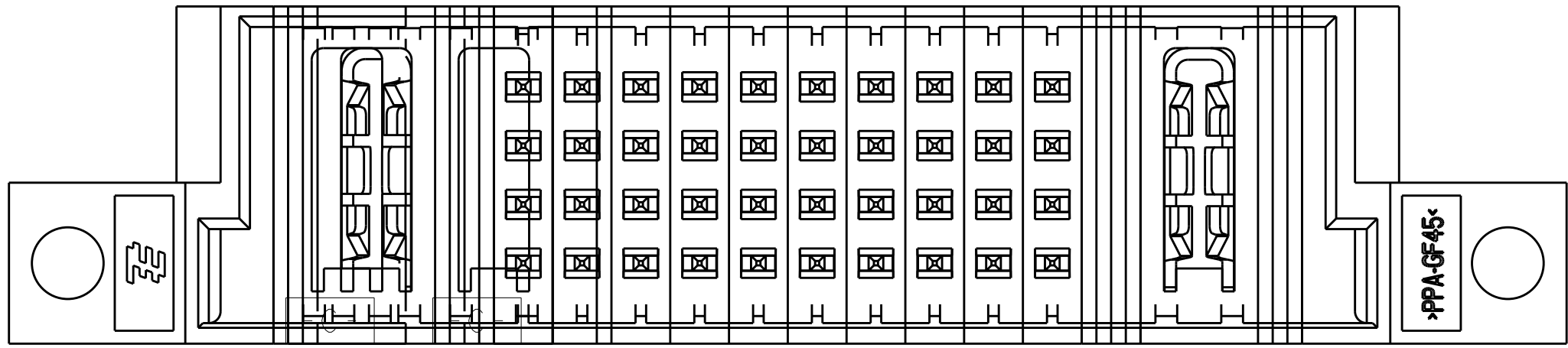
1. HEADER HOUSING: THERMO PLASTIC, BLACK, UL94 V-0; CONTACTS AND RETENTION CLIPS: COPPER ALLOY.
2. PIN CONTACTS PLATING: NOBLE METAL PLATING AT CONTACT FUNCTIONAL AREA OF SIGNAL CONTACT AND POWER CONTACT.
3. "AMP", PART NUMBER AND DATE CODE MARKED IN THIS AREA. PARTS UNDER 2.50 LONG MAY BE MARKED ON BOTH SIDES.
4. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
5. PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
6. APPLIES TO POWER MODULES ON LEFT SIDE OF SIGNAL CAVITIES OF HOUSING.
7. APPLIES TO POWER MODULES ON RIGHT SIDE OF SIGNAL CAVITIES OF HOUSING.
8. CUSTOMER SUPPLIES (2) #4-40UNC SCREWS, HARDWARE TO BE USED TO MOUNT HEADER ASSEMBLY TO PC BOARD.
9. A SEATING TOOL IS REQUIRED TO SEAT THE HEADER ON THE P.C. BOARD. PLEASE REFER TO THE 114-13038 APPLICATION SPEC.
10. MECHANICAL CONNECTOR KEEP OUT ZONE.
1. NOT RELEASED FOR PRODUCTION.
2. FOR PART NUMBER 1-6600383-0, THE OTHER DIMENSIONS PLEASE SEE TABLE.
3. FOR THE CONFIGURATION WITH VENT FEATURE, PLEASE REFER TO THE SHEET 2.

1.120	.550	.210	1.230	.250	.200	1.600	-	-	.700	1.800	.450	1.200	YES	IP + 16S + IP	1-6600383-7
.720	.550	.210	.830	.250	-	1.200	-	-	-	1.400	.450	.800	YES	0P + 16S + 0P	1-6600383-6
1.220	.550	.210	1.330	.250	-	1.700	-	-	-	1.900	.450	1.300	YES	0P + 36S + 0P	1-6600383-5
1.970	.625	.285	2.080	.325	.250	2.450	-	-	1.400	2.650	.525	2.050	YES	IP + 40S + IP	1-6600383-4
.570	.525	.185	.680	.225	-	1.050	-	-	-	1.250	.425	.650	YES	0P + 12S + 0P	1-6600383-3
2.020	.550	.210	2.130	.250	-	2.500	-	-	-	2.700	.450	2.100	YES	0P + 68S + 0P	1-6600383-0
3.370	.625	.285	3.480	.325	1.150	3.850	.300	.300	1.900	4.050	.525	3.450	YES	4ACP + 24S + 4ACP	6600383-9
1.220	.575	.235	1.330	.275	.225	1.700	-	-	.750	1.900	.475	1.300	YES	IP + 16S + IP	6600383-8
2.920	.575	.235	3.030	.275	.975	3.400	.250	.250	1.700	3.600	.475	3.000	YES	4P + 24S + 4P	6600383-7
2.770	.625	.285	2.880	.325	.850	3.250	.300	.300	1.600	3.450	.525	2.850	YES	3ACP + 24S + 3ACP	6600383-6
1.720	.575	.235	1.830	.275	.475	2.200	.250	.250	1.000	2.400	.475	1.800	YES	2P + 16S + 2P	6600383-5
3.120	.575	.235	3.250	.275	.975	3.600	.250	.250	1.900	3.800	.475	3.200	YES	4P + 32S + 4P	6600383-4
1.920	.575	.235	2.030	.275	.475	2.400	.250	.250	1.200	2.600	.475	2.000	YES	2P + 24S + 2P	6600383-3
3.220	.575	.235	3.330	.275	1.475	3.700	.250	.250	2.500	3.900	.475	3.300	YES	6P + 36S + 2P	6600383-2
4.495	.575	.235	4.605	.275	1.650	4.975	SHT 2	SHT 2	2.575	5.175	.475	4.575	YES	6P + 32S + 6P	6600383-1
DIM "EE"	DIM "DD"	DIM "CC"	DIM "BB"	DIM "TT"	DIM "W"	DIM "U"	DIM "T"	DIM "S"	DIM "R"	DIM "L"	DIM "K"	DIM "D"	RETENTION CLIP	DESCRIPTION	PART NUMBER

LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



VENT HOLE



CONFIGURATION WITH VENT FEATURE
PART NUMBER I-6600383-4

FOR PART NUMBER I-6600383-0, I-6600383-3 OTHER DIMENSION PLEASE SEE TABLE ON SHEET 1.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
D. RINGLER
CHK
M. PERCHERKE
APVD
M. PERCHERKE

05APR2006
05APR2006
05APR2006

DIMENSIONS:
INCH

D 0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±.01
±.005
±
±.2°
-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038
WEIGHT
-

Customer Drawing

SCALE
4:1

SHEET
2

OF
9

REV
C5

TE Connectivity

NAME
VERTICAL HEADER ASSEMBLY, W/LATCH
RECEIVER, PRESS FIT, TYPE PSP,
MULTI-BEAM XLE

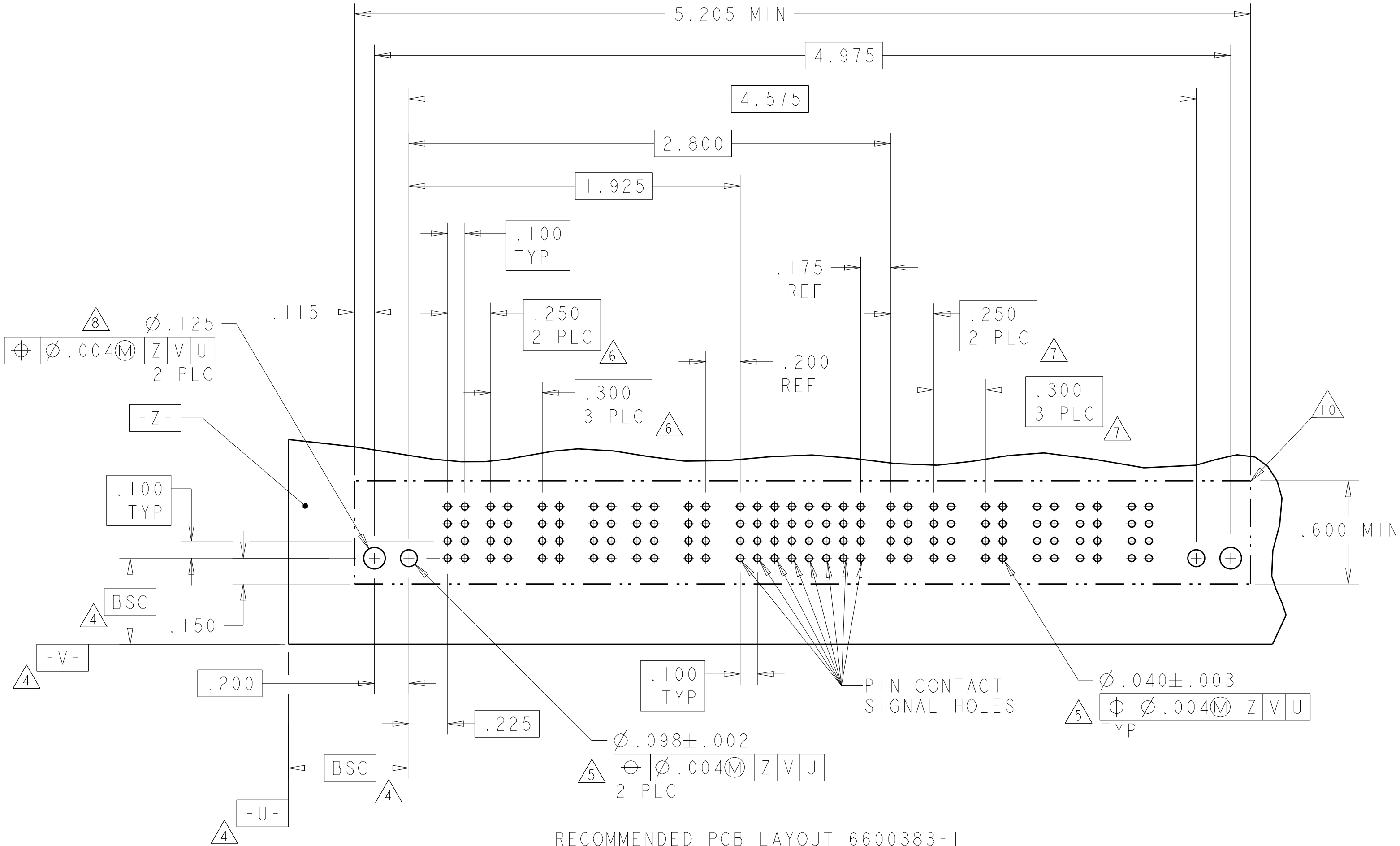
SIZE
A100779

CAGE CODE
C=6600383

RESTRICTED TO
-

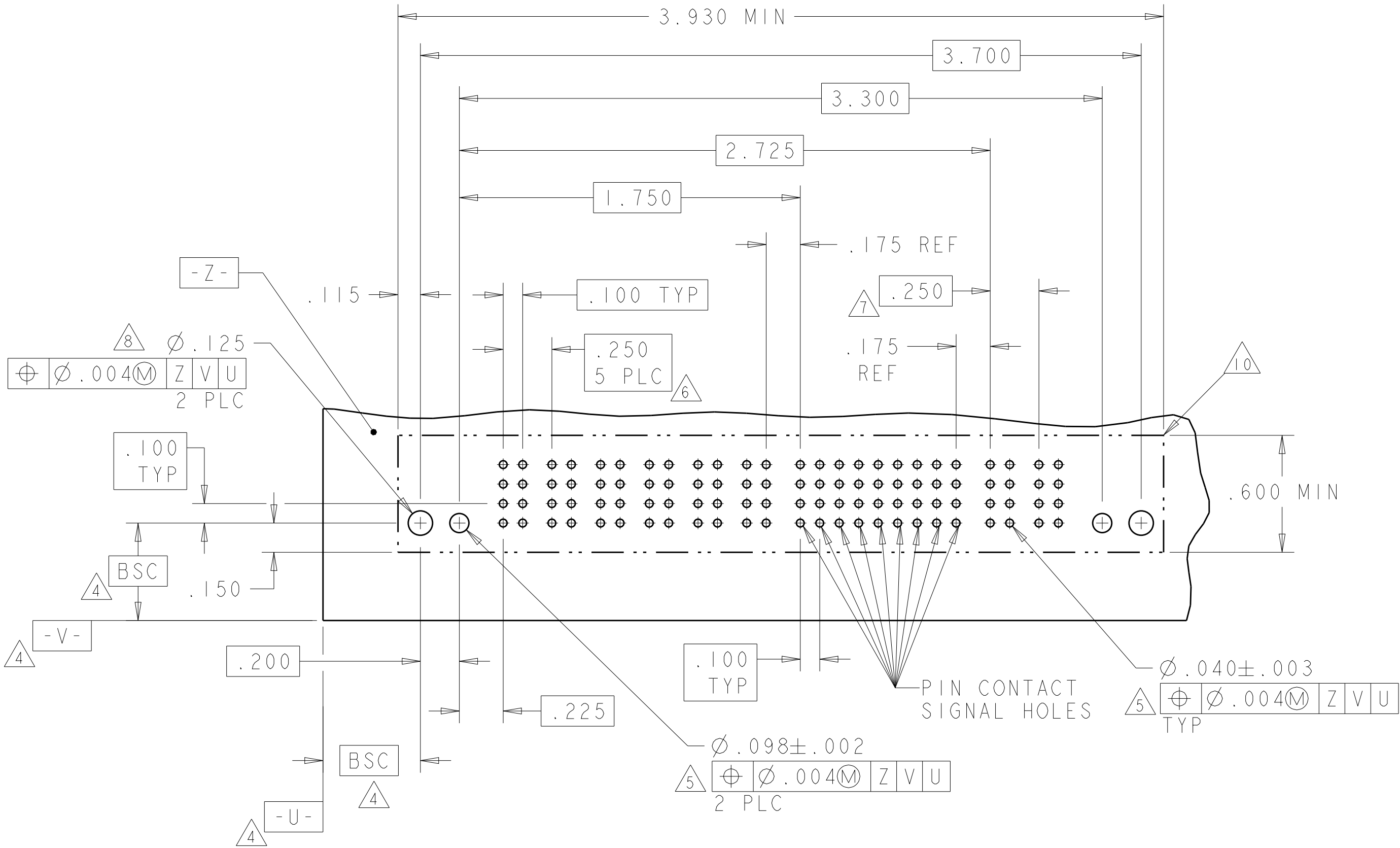
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER						SIGNAL								POWER						
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	7	8	P7	P8	P9	P10	P11	P12	
6600383-1	D		VM	VM	VM	VM	VM	VM	EV	EV	EV	EV	EV	EV	EV	EV	VM	VM	VM	VM	VM	VM	
	EV								EV	EV	EV	EV	EV	EV	EV								
	EV								EV	EV	EV	EV	EV	EV	EV								
	EV								EV	EV	EV	EV	EV	EV	EV								
6P+32S+6P		HD																					HD



RECOMMENDED PCB LAYOUT 6600383-1
SCALE 2:1

PART NUMBER	ROWS		POWER						SIGNAL									POWER		
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	7	8	9	P7	P8	
6600383-2	D		VM	VM	VM	VM	VM	VM	EV	EV	EV	EV	EV	EV	EV	EV	EV	VM	VM	
	C	EV							EV	EV	EV	EV	EV	EV	EV	EV				
	B	EV							EV	EV	EV	EV	EV	EV	EV	EV	EV			
	A	EV							EV	EV	EV	EV	EV	EV	EV	EV	EV			
6P+36S+2P		HD																		HD

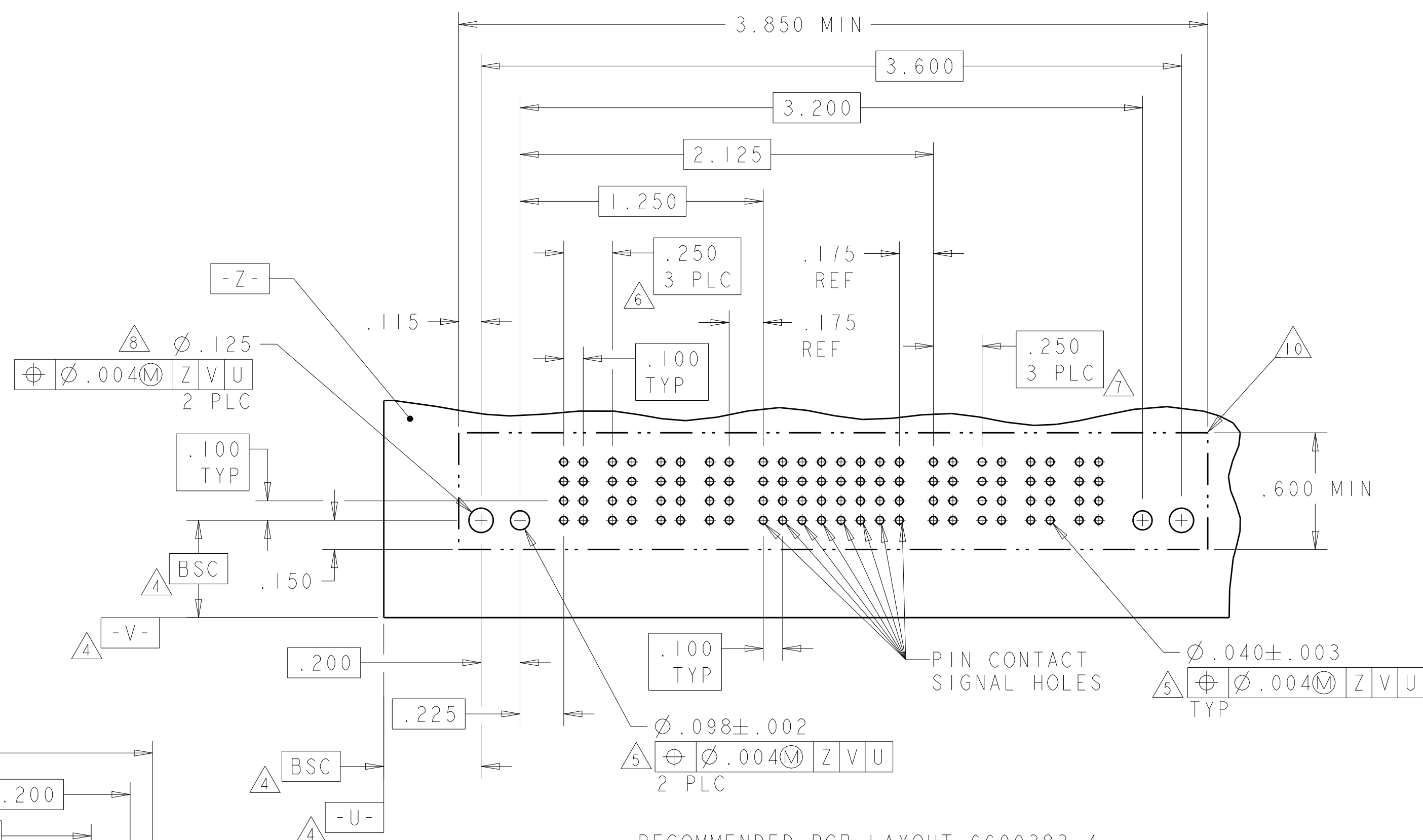


RECOMMENDED PCB LAYOUT 6600383-2
SCALE 2:1

-	RETENTION CLIP	HD
STANDARD	SIGNAL CONTACT	EV
-	POWER CONTACT	VM
MATING SEQUENCE	DESCRIPTION	IDENTIFIER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. RINGLER 05APR2006	TE TE Connectivity	
DIMENSIONS: INCH		CHK M. PERCHERKE 05APR2006		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE 05APR2006	NAME VERTICAL HEADER ASSEMBLY, W/LATCH RECEIVER, PRESS FIT, TYPE PSP, MULTI-BEAM XLE	
0 PLC ±.010 1 PLC ±.010 2 PLC ±.010 3 PLC ±.010 4 PLC ±.010 ANGLES ±.010		PRODUCT SPEC 108-1973	SIZE A100779	
MATERIAL -		APPLICATION SPEC 114-13038	CAGE CODE C=6600383	
FINISH -		WEIGHT -	RESTRICTED TO -	
Customer Drawing		SCALE 4:1	SHEET 3 OF 9	
			REV C5	

PART NUMBER	ROWS		POWER				SIGNAL								POWER					
			P1	P2	P3	P4	1	2	3	4	5	6	7	8	P5	P6	P7	P8		
6600383-4	D		VM	VM	VM	VM	EV	EV	EV	EV	EV	EV	EV	EV	VM	VM	VM	VM		
	C						EV	EV	EV	EV	EV	EV	EV	EV						
	B						EV	EV	EV	EV	EV	EV	EV	EV						EV
	A						EV	EV	EV	EV	EV	EV	EV	EV						EV
4P+32S+4P		HD																		HD

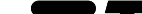
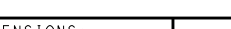


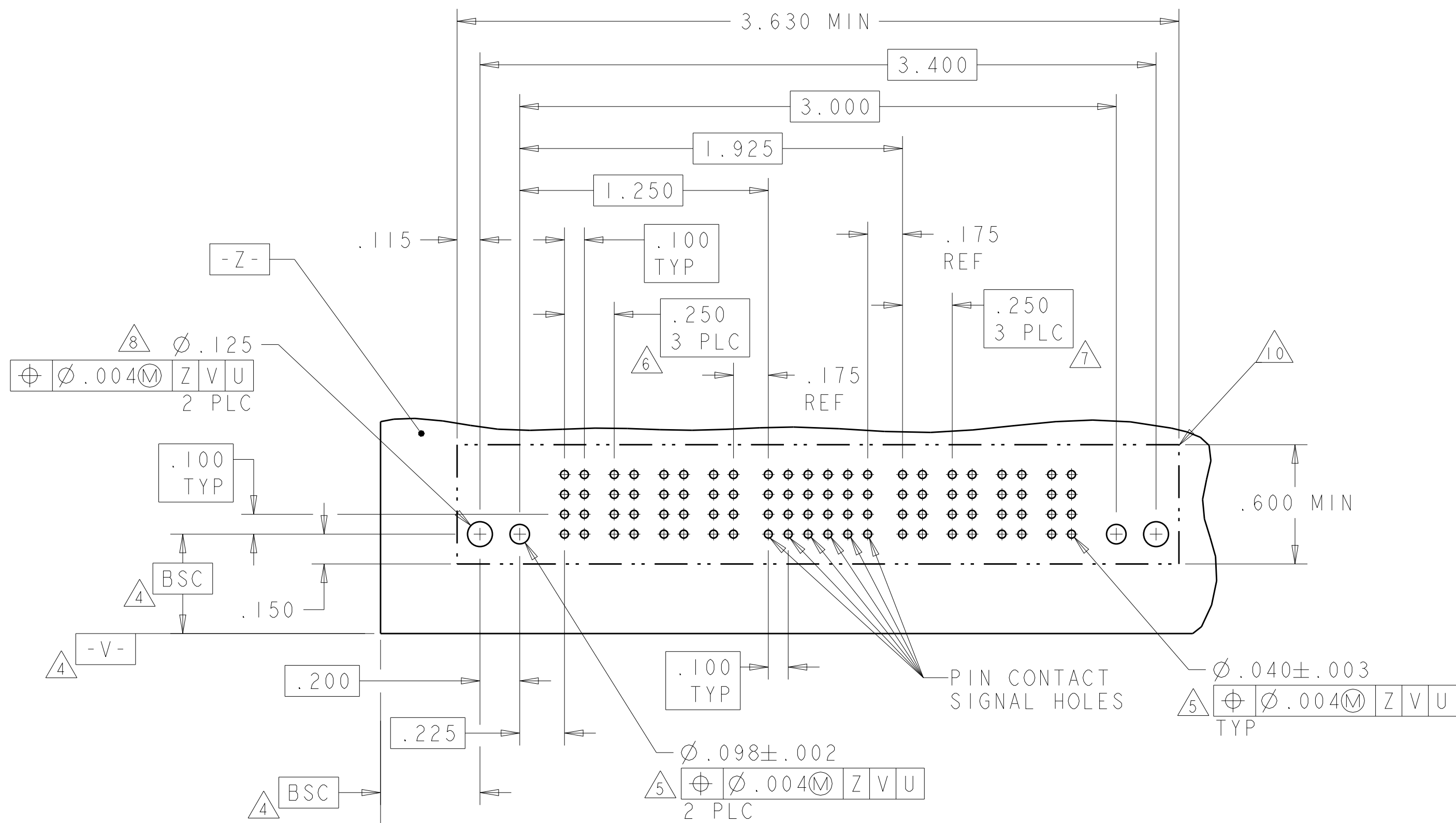
RECOMMENDED PCB LAYOUT 6600383-4
SCALE 2:1

3

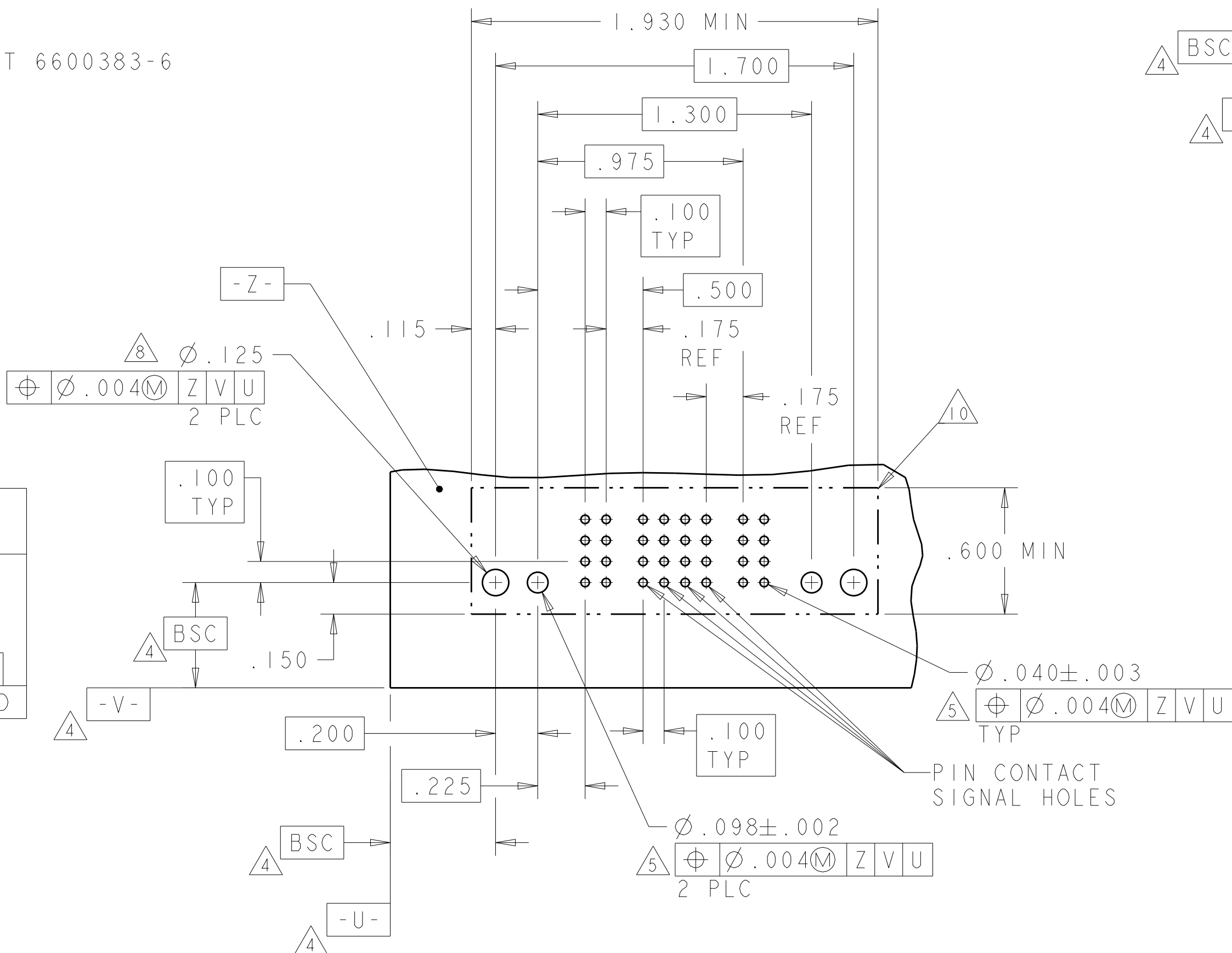
RECOMMENDED PCB LAYOUT 6600383-5
SCALE 2:1

-	RETENTION CLIP	HD
STANDARD	SIGNAL CONTACT	EV
-	POWER CONTACT	VM
MATING SEQUENCE	DESCRIPTION	IDENTIFIER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. 05APR2006 D. RINGLER CHK. 05APR2006 M. PERCHERRE APPR. 05APR2006 M. PERCHERRE		 TE Connectivity	
DIMENSIONS: INCH		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME VERTICAL HEADER ASSEMBLY, W/LATCH RECEIVER, PRESS FIT, TYPE PSP, MULTI-BEAM XLE	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CASE CODE DRAWING NO A100779 C=6600383	
MATERIAL -		FINISH -		RESTRICTED TO -	
Customer Drawing				SCALE 4:1 SHEET 4 of 9 REV C	

[illegible]

RECOMMENDED PCB LAYOUT 6600383-7
SCALE 2:1

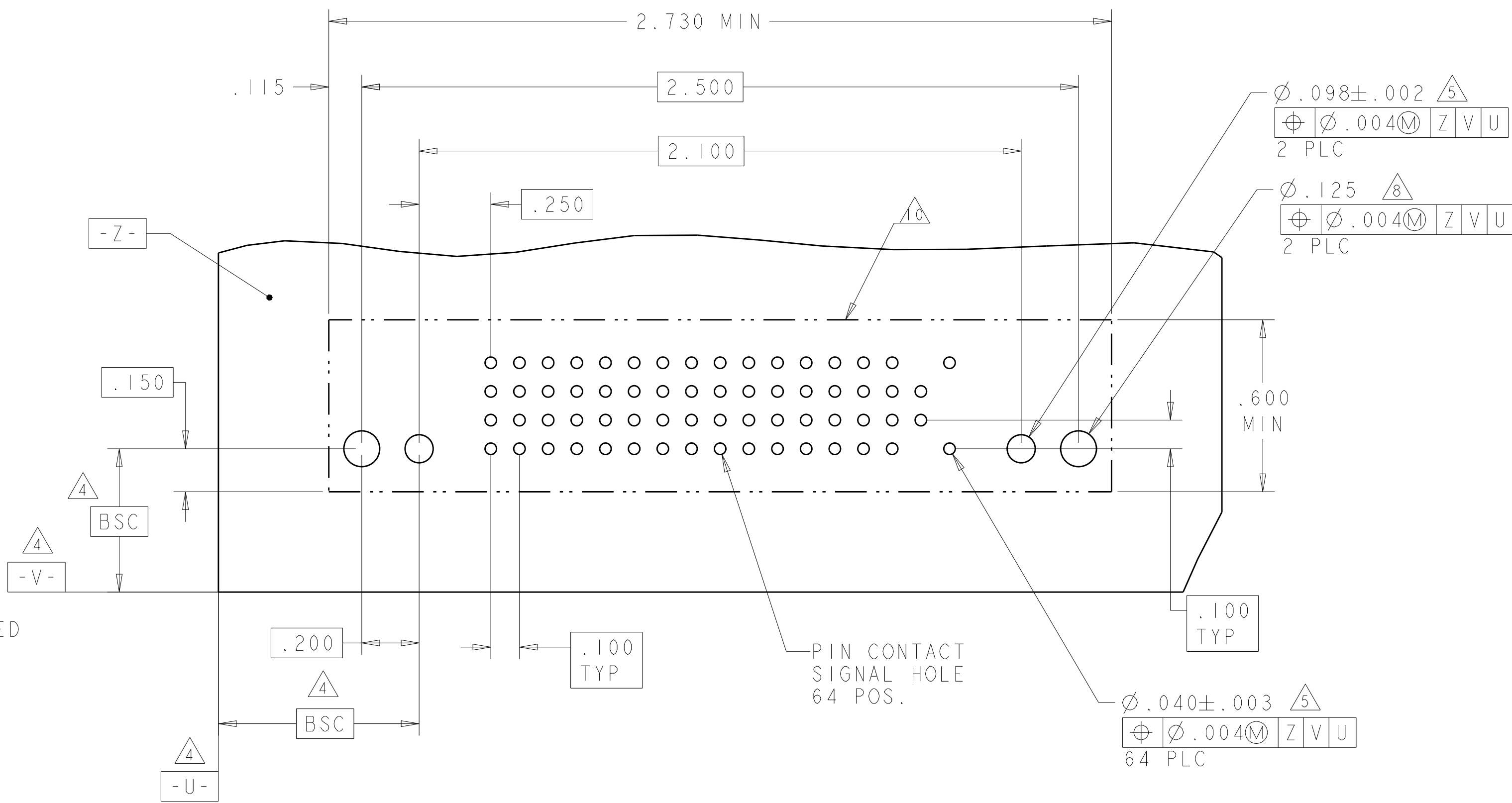


RECOMMENDED PCP LAYOUT 6600383-8
SCALE 2:1

CI	-	RETENTION CLIP	HD
	MLBF	SIGNAL CONTACT	ES
	STANDARD	SIGNAL CONTACT	EV
	-	POWER CONTACT	VM
	MATING SEQUENCE	DESCRIPTION	IDENTIFIER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG 05APR2006		
		CWG M.PERCHERRE		
		APPD M.PERCHERRE		
DIMENSIONS:			NAME	
INCH			VERTICAL HEADER ASSEMBLY, W/LATCH RECEIVER, PRESS FIT, TYPE PSP, MULTI-BEAM XLE	
		TOLERANCES UNLESS OTHERWISE SPECIFIED: Ø PLC ±. PLC ±.01 PLC ±.005 PLC ANGLES ±°	PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	
MATERIAL	FINISH	WEIGHT	SIZE CAGE CODE DRAWING NO	RESTRICTED TO
-	-	-	A100779C=6600383	-
Customer Drawing		SCALE 4:1	SHEET 5 OF 9	REV C5

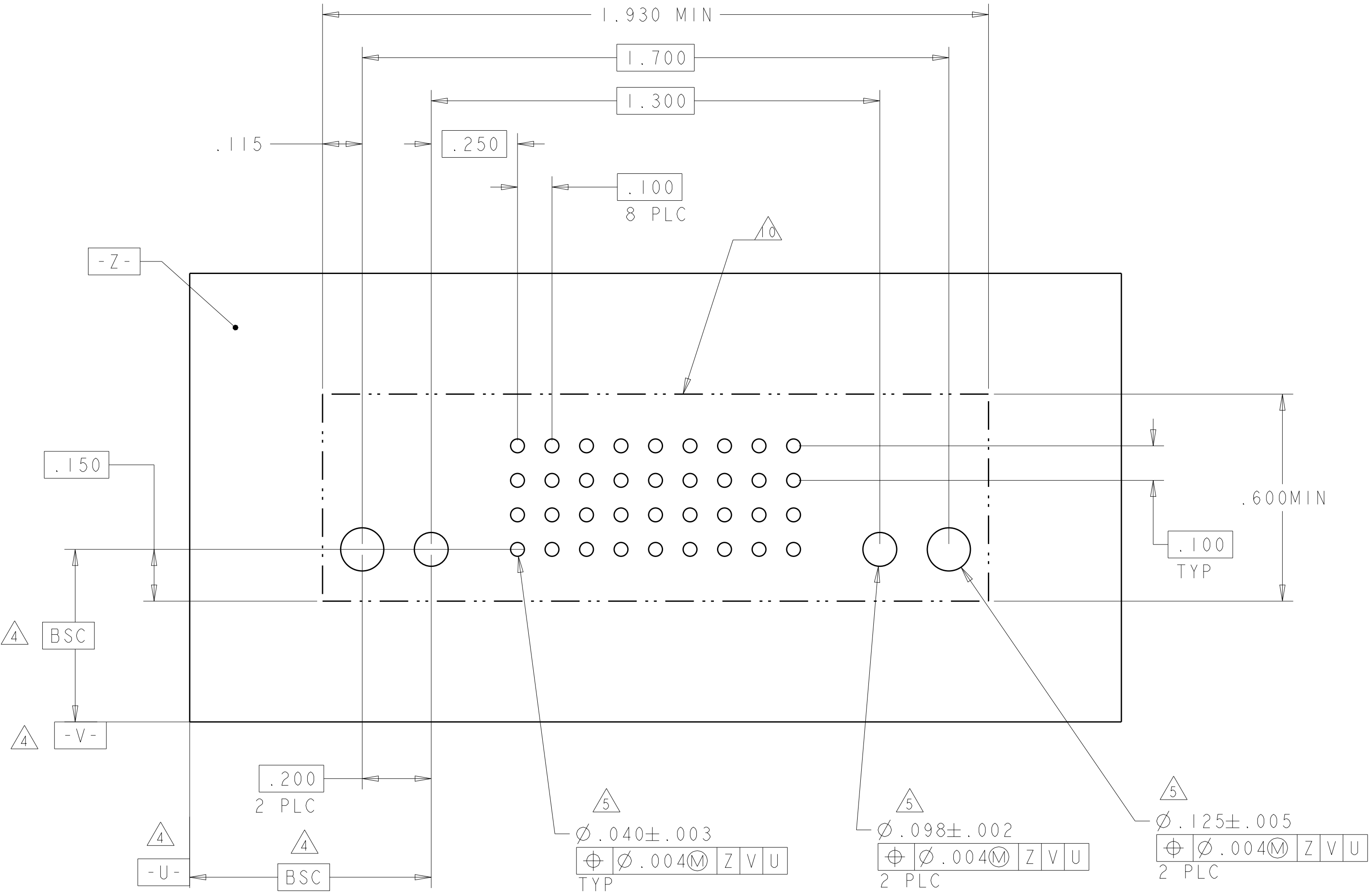
PART NUMBER	ROWS		SIGNAL																	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
I-6600383-0	D		ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	
	C		ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	EV	ES	
	B		ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	EV	ES	
	A		ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	ES	
0P+68S+0P		HD																		HD



RECOMMENDED PCB LAYOUT 1-6600383-0
SCALE 3:1

4805 (3/11)

PART NUMBER	ROWS		SIGNAL									
			I	2	3	4	5	6	7	8	9	
I-6600383-5	D		ES	ES	ES	ES	ES	ES	ES	ES	ES	
	C		ES	ES	ES	ES	ES	ES	ES	ES	ES	
	B		ES	ES	ES	ES	ES	ES	ES	ES	ES	
	A		ES	ES	ES	ES	ES	ES	ES	ES	ES	
OP+36S+OP		HD										HD

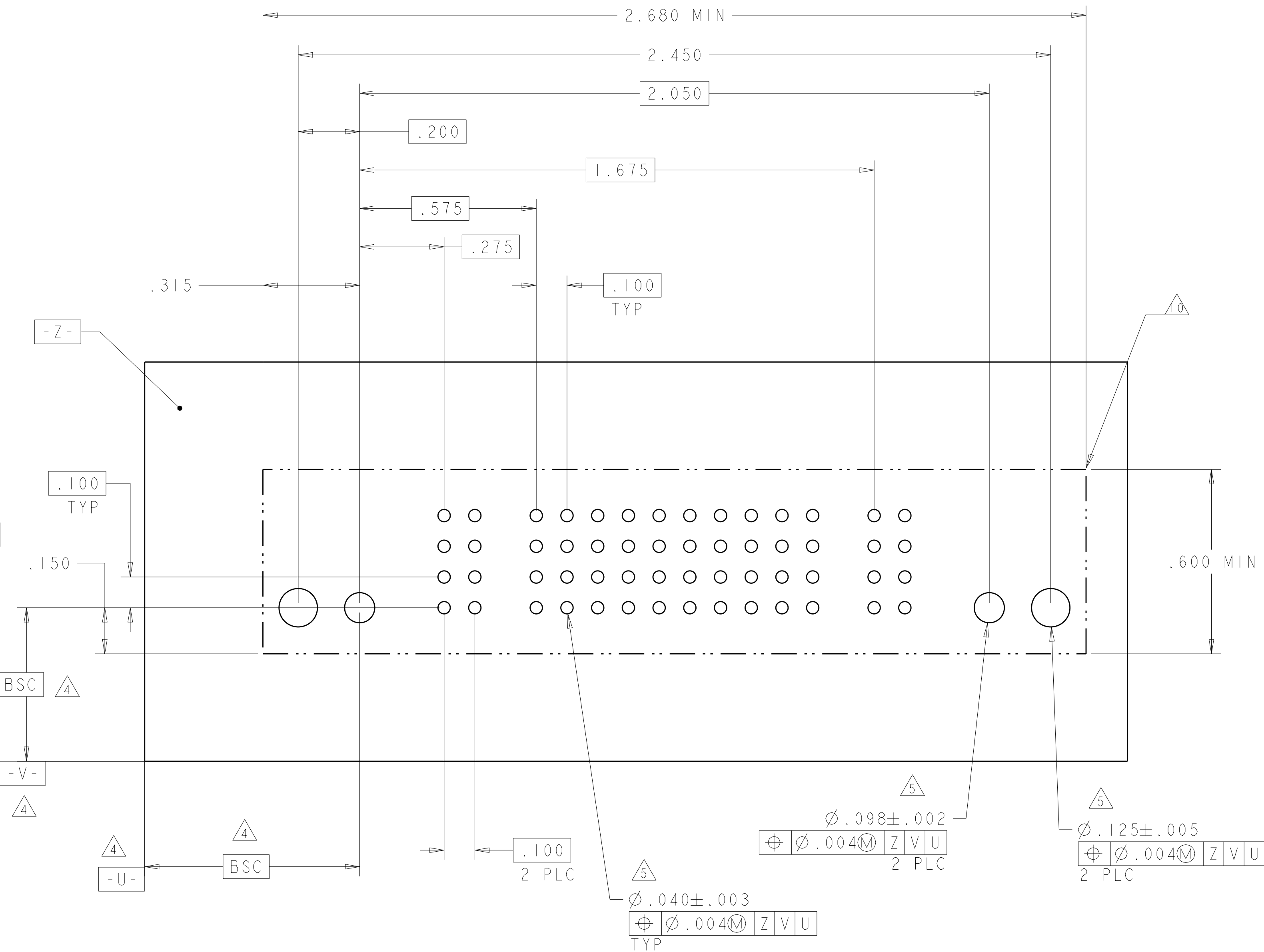
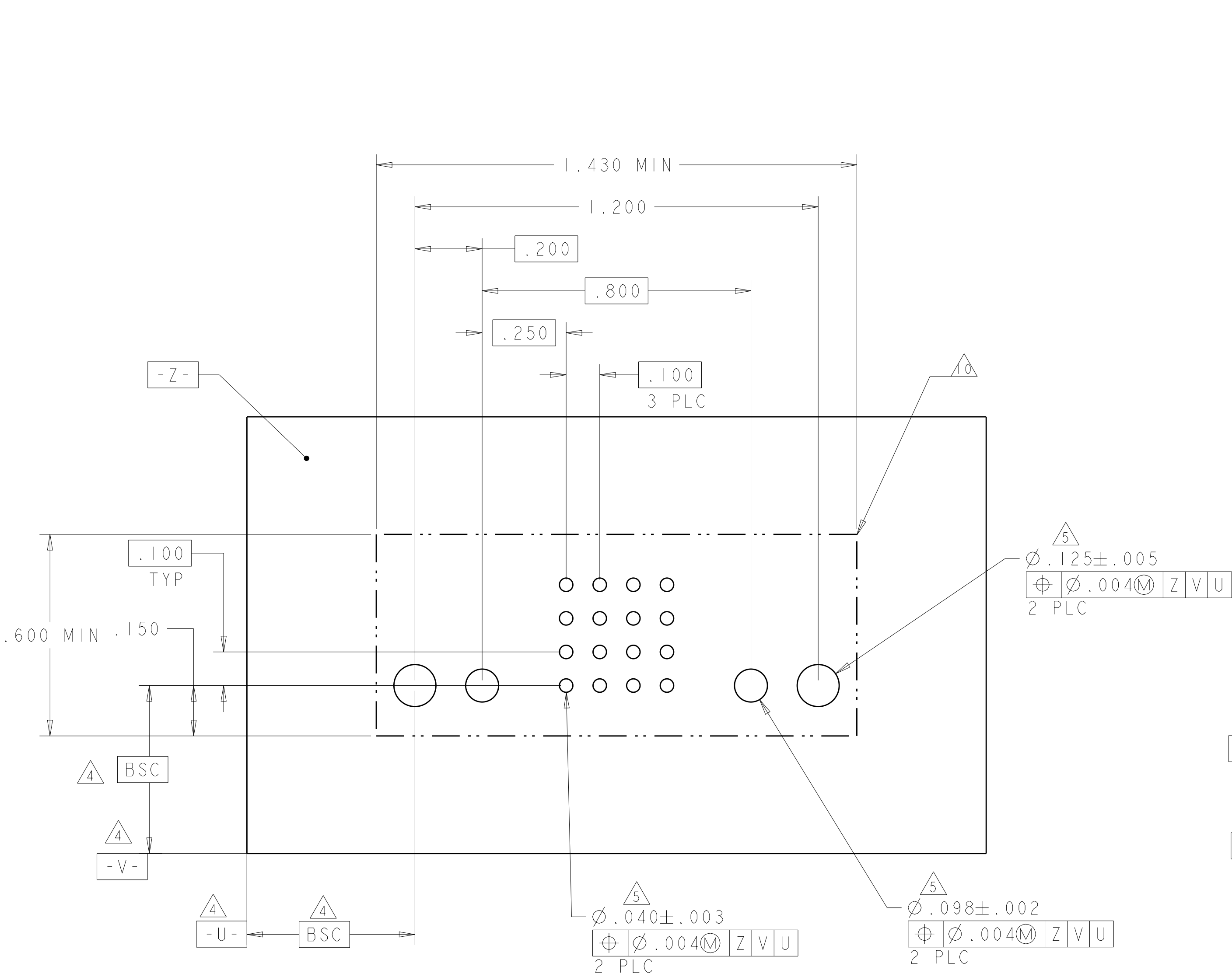


RECOMMENDED PCB LAY OUT I-6600383-3

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
ES	00	-	-	SEE SHEET 1	-	-

PART NUMBER	ROWS		SIGNAL				
			1	2	3	4	
I-6600383-6	D		ES	ES	ES	ES	
	C		ES	ES	ES	ES	
	B		ES	ES	ES	ES	
	A		ES	ES	ES	ES	
0P+16S+0P		HD					HD

PART NUMBER	ROWS		POWER P1	SIGNAL										POWER P2	
				1	2	3	4	5	6	7	8	9	10		
I-6600383-4	D		VM	EV	EV	EV	EV	EV	EV	EV	EV	EV	EV	VM	
	C			EV	EV	EV	EV	EV	EV	EV	EV	EV	EV		
	B			EV	EV	EV	EV	EV	EV	EV	EV	EV	EV		
	A			EV	EV	EV	EV	EV	EV	EV	EV	EV	EV		
IP+40S+IP		HD													HD



Technical drawing of a mechanical part, showing a top view with dimensions and feature callouts.

Dimensions:

- Overall width: 1.830 MIN
- Overall height: .600 MIN
- Internal width dimensions: .115, 1.600, 1.200, .900, .450, .200, .100
- Internal height dimensions: .100 (TYP), .200, .100

Feature Callouts:

- Feature 1: $\varnothing .125$ (2 PLCS)
- Feature 2: $\varnothing .098 \pm .002$ (5)
- Feature 3: $\varnothing .040 \pm .003$ (2 PLCS)
- Feature 4: BSC (4)
- Feature 5: $\varnothing .004$ (2 PLCS)
- Feature 6: $\varnothing .004$ (2 PLCS)
- Feature 7: $\varnothing .004$ (2 PLCS)
- Feature 8: $\varnothing .004$ (2 PLCS)
- Feature 9: $\varnothing .004$ (2 PLCS)
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- Feature 99: $\varnothing .004$ (2 PLCS)
- Feature 100: $\varnothing .004$ (2 PLCS)

4805 (3/11)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1-6600383-0](#)