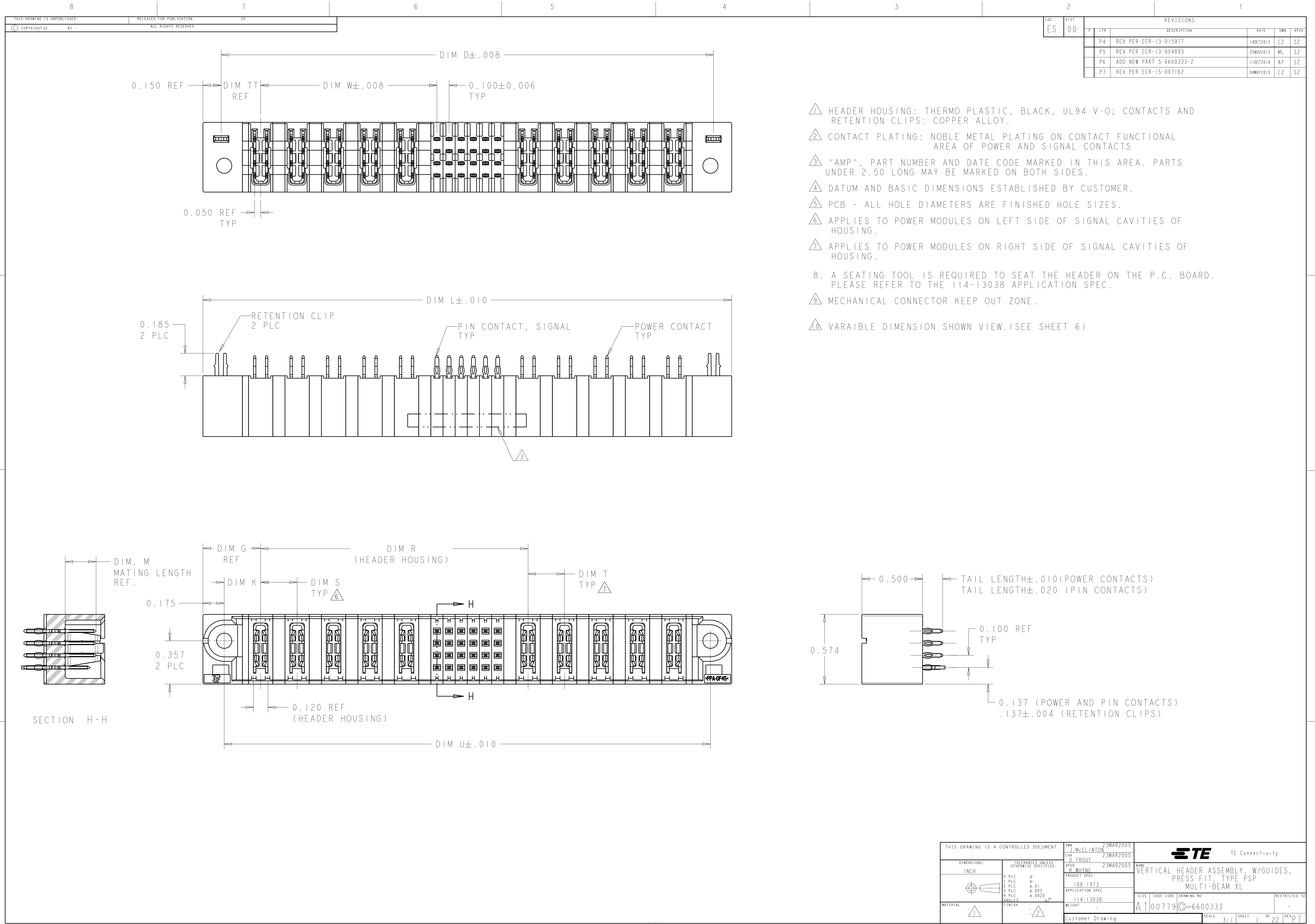


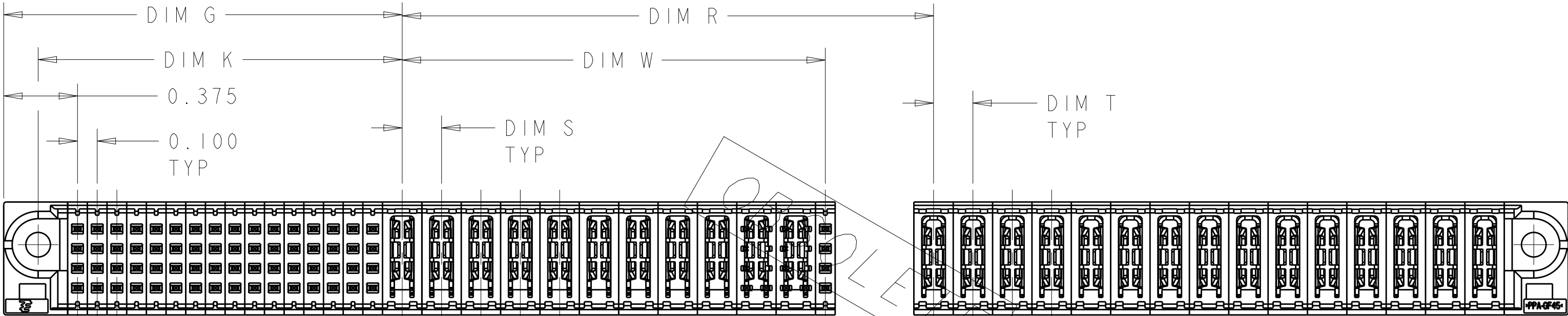


LOC	DIST	REVISIONS						
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		P4	REV PER ECR-13-015977	14OCT2013	CZ	SZ		
		P5	REV PER ECR-13-004893	25NOV2013	ML	SZ		
		P6	ADD NEW PART 5-6600333-2	11OCT2014	AY	SZ		
		P7	REV PER ECR-15-007162	04MAY2015	CZ	SZ		

1. HEADER HOUSING: THERMO PLASTIC, BLACK, UL94 V-O; CONTACTS AND RETENTION CLIPS: COPPER ALLOY.
2. CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
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. A SEATING TOOL IS REQUIRED TO SEAT THE HEADER ON THE P.C. BOARD. PLEASE REFER TO THE 114-13038 APPLICATION SPEC.
9. MECHANICAL CONNECTOR KEEP OUT ZONE.
10. VARAIBLE DIMENSION SHOWN VIEW.(SEE SHEET 6)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. McCLINTON 23MAR2005	TE Connectivity	
DIMENSIONS: INCH		CHK D. TROUT 23MAR2005		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD R. WHYNE 23MAR2005	NAME VERTICAL HEADER ASSEMBLY, W/GUIDES, PRESS FIT, TYPE PSP MULTI-BEAM XL	
0 PLC ±.01		PRODUCT SPEC	SIZE A1	
1 PLC ±.01		108-1973	CAGE CODE	
2 PLC ±.01		APPLICATION SPEC	DRAWING NO	
3 PLC ±.005		114-13038	REV P7	
4 PLC ±.0020		WEIGHT	Customer Drawing	
ANGLES #2°		SCALE 3:1	SHEET 1 OF 22	
FINISH		RESTRICTED TO		

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



PART NUMBER 2-6600333-3
UNSPECIFIED REFER TO TEH SHEET 1

P6	.300	.425	2.500	.250	.250	1.700	2.850	.275	.450	2.550	NO	2P + 48S + 2P	5-6600333-2
	.300	1.425	4.250	.250	.250	2.700	4.600	.275	.450	4.300	NO	6P + 48S + 5P	5-6600333-1
P1	.300	.425	2.400	.250	.250	1.100	2.750	.275	.450	2.450	NO	2P + 24S + 4P	5-6600333-0
	.300	.175	1.100	-	-	.550	1.450	.275	.450	1.150	YES	1P + 12S + 1P	4-6600333-9
N7	.300	1.225	4.000	.250	.250	2.200	4.350	.275	.450	4.057	NO	5P + 24S + 6P	4-6600333-8
N3	.300	.925	2.600	.250	.250	1.300	2.950	.275	.450	2.650	YES	4P + 12S + 4P	4-6600333-6
N5	.325	.550	2.200	.300	.300	1.300	2.550	.300	.475	2.250	YES	2ACP + 24S+ 2ACP	4-6600333-5
	.300	.425	1.900	.250	.250	1.100	2.250	.275	.450	1.950	YES	2P + 24S + 2P	4-6600333-4
N4	.325	.550	2.200	.300	.300	1.300	2.550	.300	.475	2.250	YES	2ACP + 24S + 2ACP	4-6600333-3
	.300	1.925	4.700	.250	.250	2.400	5.050	.275	.450	4.750	YES	8P + 16S + 8P	4-6600333-2
	.300	.425	1.600	.250	.250	.800	1.950	.275	.450	1.650	YES	2P + 12S + 2P	4-6600333-1
	.325	.850	2.800	.300	.300	1.600	3.150	.300	.475	2.850	YES	3ACP + 24S + 3ACP	3-6600333-9
	.300	1.425	3.500	.250	.250	1.700	3.850	.275	.450	3.550	YES	6P + 8S + 6P	3-6600333-8
	.300	.475	2.000	.250	.250	1.200	2.350	.275	.450	2.050	YES	2P + 24S + 2P	3-6600333-7
	.300	.925	3.700	.250	.250	2.400	4.050	.275	.450	3.750	NO	4P + 56S + 4P	3-6600333-6
	.300	.675	2.400	.250	.250	1.350	2.750	.275	.450	2.450	YES	3P + 24S + 3P	3-6600333-5
	.300	.925	2.500	.250	.250	1.200	2.850	.275	.450	2.550	YES	4P + 8S + 4P	3-6600333-4
	.300	.925	2.700	.250	.250	1.400	3.050	.275	.450	2.750	NO	4P + 16S + 4P	3-6600333-3
	.300	.925	2.900	.250	.250	1.600	3.250	.275	.450	2.950	NO	4P + 24S + 4P	3-6600333-2
	.325	1.750	4.800	.250	.300	2.475	5.150	.300	.475	4.850	YES	6ACP + 24S + 8P	3-6600333-1
	.300	.225	1.300	-	-	.750	1.650	.275	.450	1.350	YES	1P + 16S + 1P	3-6600333-0
	.300	.425	2.100	-	.250	1.300	2.450	.275	.450	2.150	YES	2P + 32S + 2P	2-6600333-9
	.300	.925	2.450	.250	.250	1.400	2.800	.275	.450	2.500	YES	4P + 16S + 3P	2-6600333-8
	.300	.975	3.250	.250	.250	1.700	3.600	.275	.450	3.300	YES	4P + 24S + 5P	2-6600333-7
	.300	.675	2.400	.250	.250	1.350	2.750	.275	.450	2.450	YES	3P + 24S + 3P	2-6600333-6
	.300	.925	2.450	.250	.250	1.400	2.800	.275	.450	2.500	YES	4P + 16S + 3P	2-6600333-5
	.275	2.000	5.450			2.650	5.800	.250	.425	5.500	YES	10P + 24S + 12P	2-6600333-4
	1.875	2.150	7.600	.200	.200	2.700	7.950	1.850	2.025	7.650	YES	64S+11P+20S+15P	2-6600333-3
	.275	2.000	5.450			2.650	5.800	.250	.425	5.500	YES	10P + 24S + 12P	2-6600333-2
	.325	1.750	4.800	.250	.300	2.475	5.150	.300	.475	4.850	YES	6ACP + 24S + 8P	2-6600333-1
	.300	.475	2.000	.250	.250	1.200	2.350	.275	.450	2.050	YES	2P + 24S + 2P	1-6600333-6
	.300	1.425	3.900	.250	.250	2.100	4.250	.275	.450	3.950	YES	6P + 24S + 6P	1-6600333-5
	.300	.975	3.200	.250	.250	1.900	3.550	.275	.450	3.250	YES	4P + 32S + 4P	1-6600333-4
	.300	1.425	3.900	.250	.250	2.100	4.250	.275	.450	3.950	YES	6P + 24S + 6P	1-6600333-3
	.300	.425	1.900	.250	.250	1.100	2.250	.275	.450	1.950	YES	2P + 24S + 2P	1-6600333-2
	.325	.850	2.800	.300	.300	1.600	3.150	.300	.475	2.850	YES	3ACP + 24S + 3ACP	1-6600333-1
	.300	.475	1.800	.250	.250	1.000	2.150	.275	.450	1.850	YES	2P + 16S + 2P	1-6600333-0
	.300	.225	1.300	-	-	.750	1.650	.275	.450	1.350	YES	1P + 16S + 1P	6600333-9
	.300	.425	3.250	-	.250	2.700	3.600	.275	.450	3.300	YES	2P + 88S + 1P	6600333-8
	.300	.725	2.300	.250	.250	1.250	2.650	.275	.450	2.350	YES	3P + 16S + 3P	6600333-7
	.300	.975	3.000	.250	.250	1.700	3.350	.275	.450	3.050	YES	4P + 24S + 4P	6600333-6
	.300	.475	2.000	.250	.250	1.200	2.350	.275	.450	2.050	YES	2P + 24S + 2P	6600333-5
	.300	.425	1.700	.250	.250	.900	2.050	.275	.450	1.750	YES	2P + 16S + 2P	6600333-4
	.325	1.450	4.000	.300	.300	2.200	4.350	.300	.475	4.050	YES	5ACP + 24S + 5ACP	6600333-1
DIM "TT"	DIM "W"	DIM "U"	DIM "T"	DIM "S"	DIM "R"	DIM "L"	DIM "K"	DIM "G"	DIM "D"	RETENTION CLIP		DESCRIPTION	PART NO

OBSOLETE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

INCH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.010
1 PLC ±.010
2 PLC ±.010
3 PLC ±.010
4 PLC ±.010
ANGLES ±.0020
FINISH

MATERIAL

-

OWN J. McCLINTON 23MAR2005

CHK D. TROUT 23MAR2005

APVD R. WHYNE 23MAR2005

PRODUCT SPEC 108-1973

APPLICATION SPEC 114-13038

WEIGHT -

Customer Drawing

NAME VERTICAL HEADER ASSEMBLY, W/GUIDES, PRESS FIT, TYPE PSP MULTI-BEAM XL

SIZE A1

CAGE CODE 00779

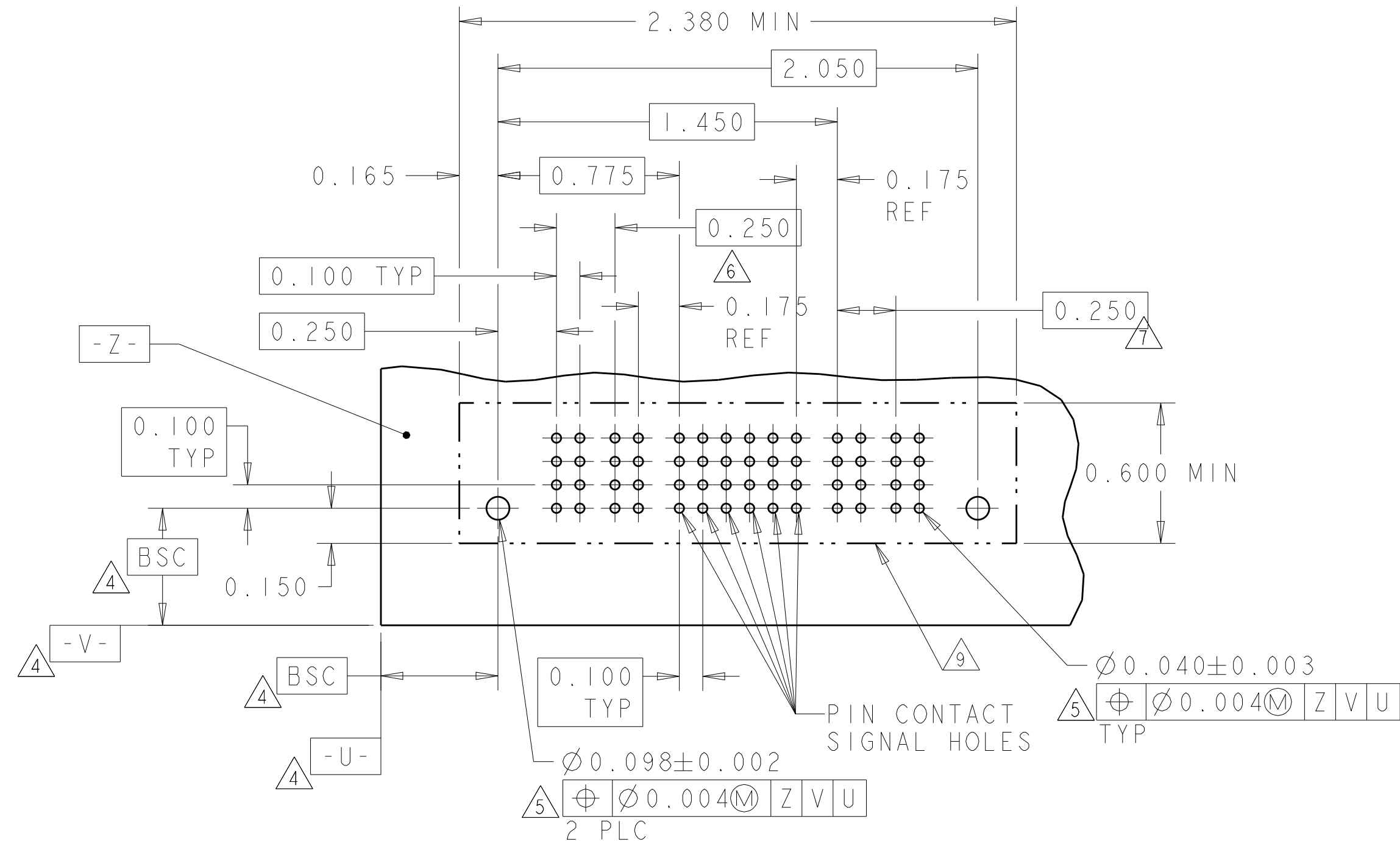
DRAWING NO 6600333

RESTRICTED TO -

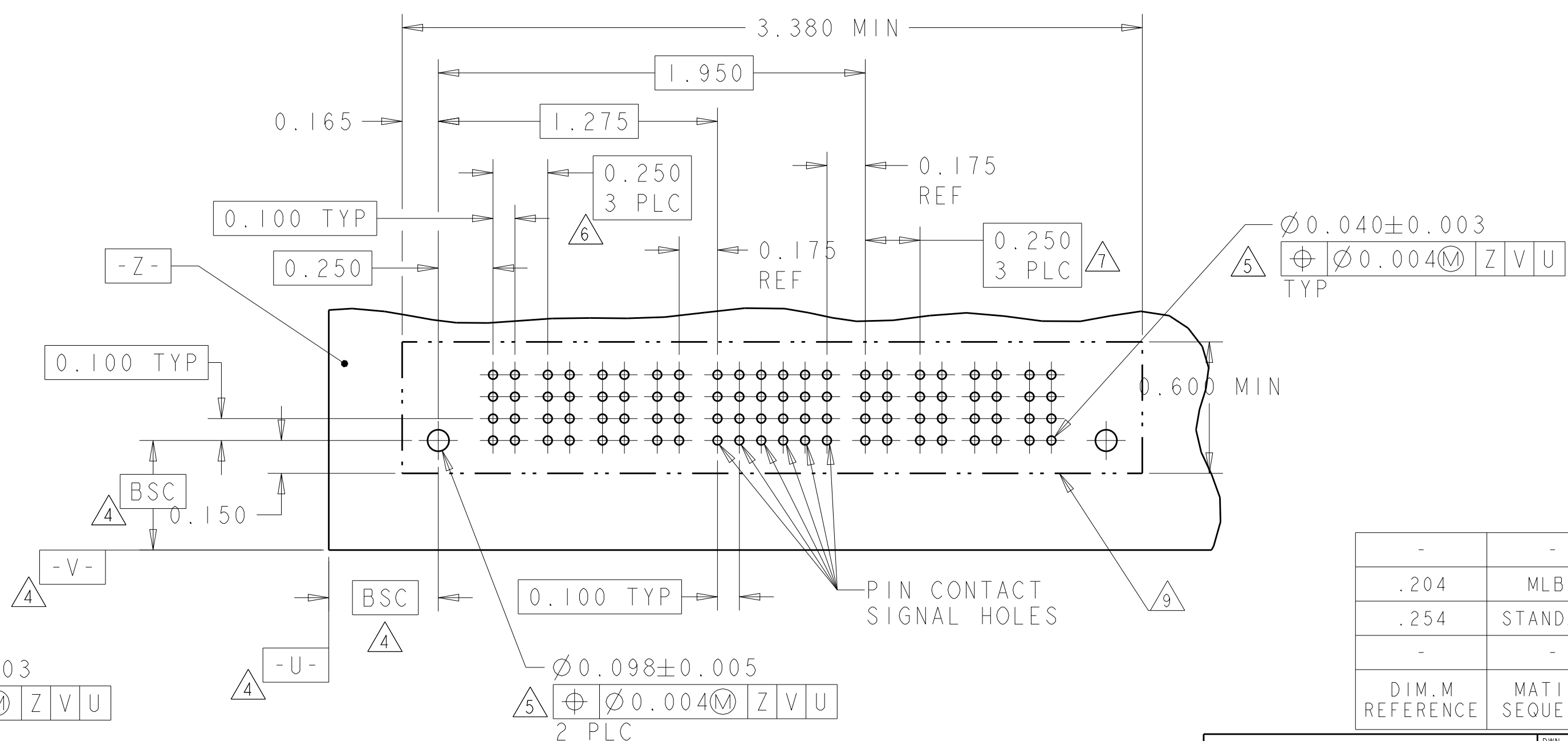
SCALE 3:1

SHEET 2 OF 22

REV P7

[illegible]

RECOMMENDED PCB LAYOUT 6600333-5
SCALE 2:1

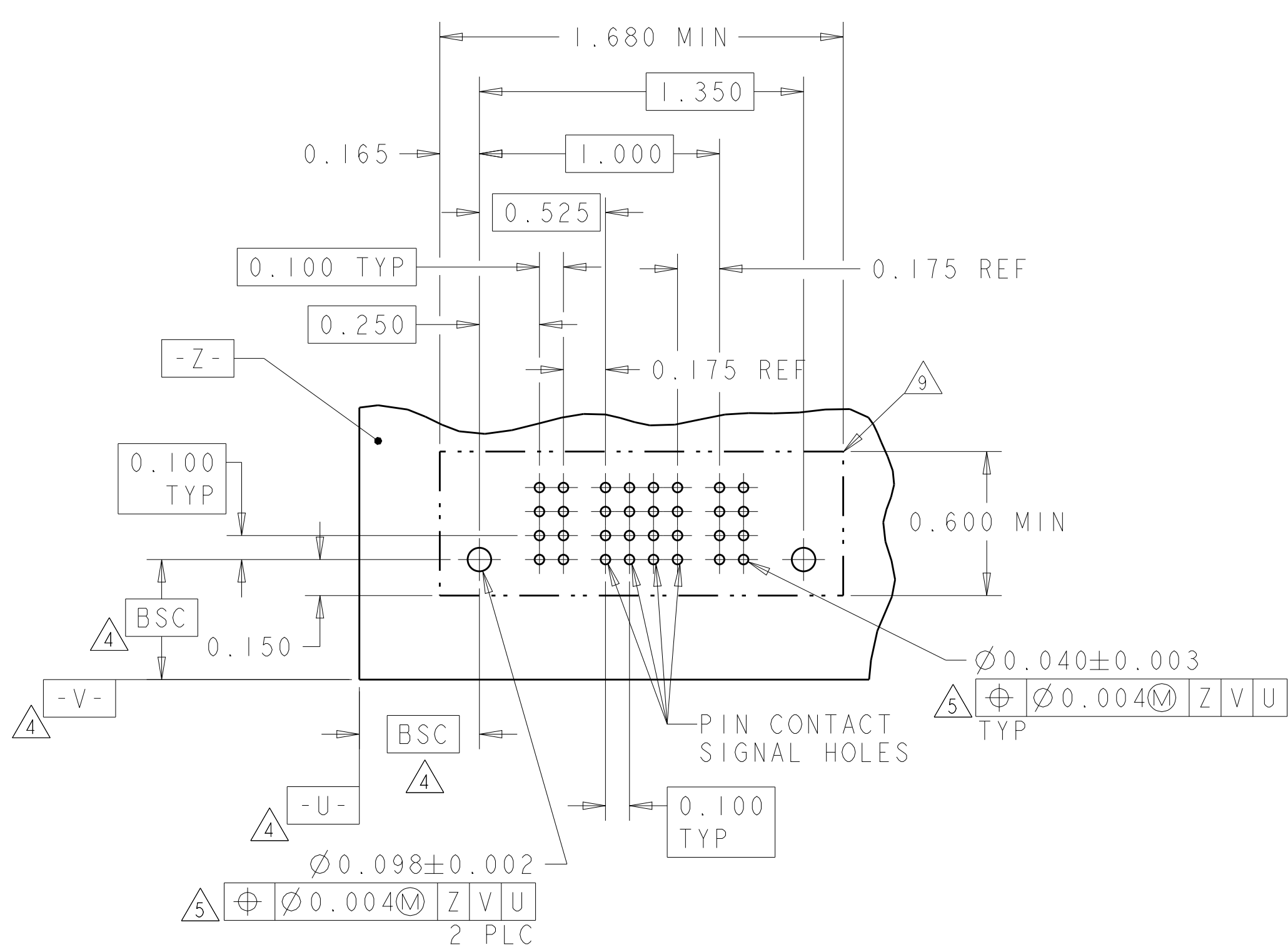
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RECOMMENDED PCB LAYOUT 6600333-6
SCALE 2:1

-	-	RETENTION CLIP	HD
.204	MLBF	SIGNAL CONTACT .165 TAIL LENGTH	ES
.254	STANDARD	SIGNAL CONTACT .165 TAIL LENGTH	EV
-	-	POWER CONTACT .165 TAIL LENGTH	VM
DIM.M REFERENCE	MATING SEQUENCE	DESCRIPTION	IDENTIFIER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. 23MAR2005 J. McCLINTON CHK. 23MAR2005 D. TROUT APVD. 23MAR2005 R. WHYNE		 TE Connectivity	
DIMENSIONS: INCH		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.01 2 PLC ±.005 3 PLC ±.0020 ANGLES 2°		NAME VERTICAL HEADER ASSEMBLY, W/GUIDES, PRESS FIT, TYPE PSP MULTI-BEAM XL	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CODE DRAWING NO A1 100779 C=6600333	
MATERIAL -		FINISH -		RESTRICTED TO -	
		WEIGHT -		SCALE 3:1 SHEET 3 of 22 REV P2	
Customer Drawing					

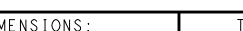
PART NUMBER	ROWS		POWER	SIGNAL					POWER	
			P1	1	2	3	4	P2		
6600333-9	D		VM	ES	EV	ES	EV	VM		
	C			EV	EV	EV	EV			
	B			ES	EV	ES	EV			
	A			ES	EV	ES	EV			
IP+16S+IP		HD								HD



RECOMMENDED PCB LAYOUT 6600333-9
SCALE 2:1

PART NUMBER	ROWS		POWER	SIGNAL				POWER	
			P1	1	2	3	4	P2	
3-6600333-0	D		VM	ES	EV	EV	ES	VM	
	C			EV	EV	EV	EV		
	B			EV	EV	EV	EV		
	A			EV	EV	EV	EV		
IP+16S+IP		HD							HD



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 23MAR2005 J. McCLINTON CHK 23MAR2005 D. TROUT KAYR 23MAR2005		 TE Connectivity	
DIMENSIONS: INCH 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0.010 ±.010 0.005 ±.005 0.002 ±.002 ANGLES ±.0°		NAME VERTICAL HEADER ASSEMBLY, W/GUIDES, PRESS FIT, TYPE PSP MULTI-BEAM XL PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	
MATERIAL - FINISH -		WEIGHT - Customer Drawing		SIZE CAGE CODE DRAWING NO A100779 C6600333 RESTRICTED TO -	
				SCALE 3:1 SHEET 4 of 22 REV P	

[illegible]

3.580 MIN

3.250

2.150

1.275

0.165

0.100 TYP

0.175 REF

0.250 3 PLC

0.175 REF

0.250 3 PLC

-Z-

0.250

0.100 TYP

BSC

0.150

-V-

BSC

0.100 TYP

0.098±0.002

Ø 0.004 (M) Z V U

2 PLC

PIN CONTACT SIGNAL HOLE

Ø 0.040±0.003

Ø 0.004 (M) Z V U

TYP

0.600 MIN

6

7

9

4

4

4

5

2.380 MIN

2.050

1.450

0.165

0.775

0.175 REF

0.250

0.100 TYP

0.175 REF

0.250

0.100 TYP

0.150

0.100 TYP

0.600 MIN

Ø0.040

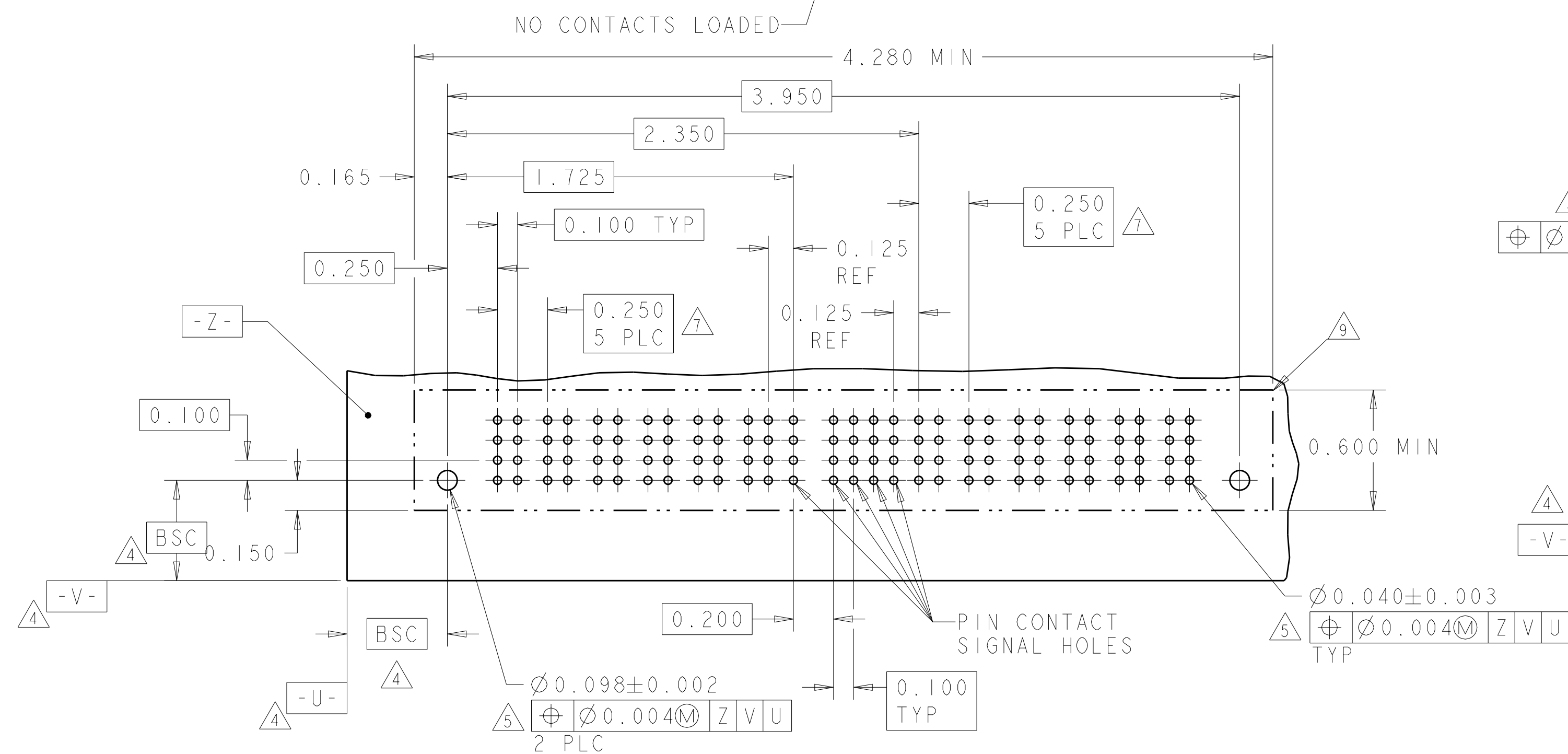
Ø0.098

Ø0.004 M Z V U

PIN CONTACT SIGNAL HOLES

RECOMMENDED PCB LAYOUT 1-6600333-6

SCALE 2:1

[illegible]

0.165

5.180 MIN

4.850

2.475

1.800

0.275

0.300
5 PLC

0.100
5 PLC

0.250
7 PLC

-Z-

$\varnothing 0.098 \pm 0.002$

$\varnothing 0.004$ M Z U V
2 PLC

0.100
TYP

BSC

V -

Z V U

-U-

0.100
6 PLC

$\varnothing 0.040 \pm 0.003$

$\varnothing 0.004$ M Z U V
TYP

0.100
8 PLC

0.600
MIN

THIS DRAWING IS A CONTROLLED DOCUMENT.

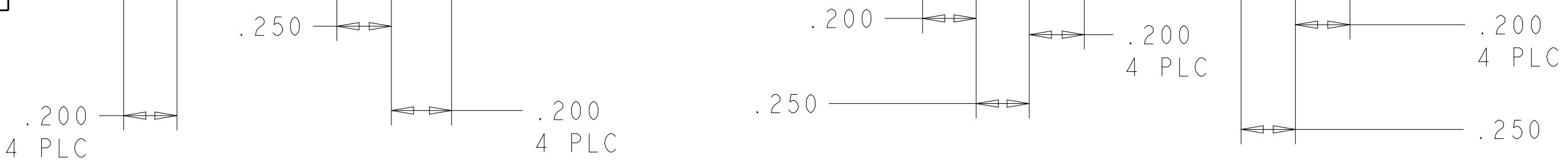
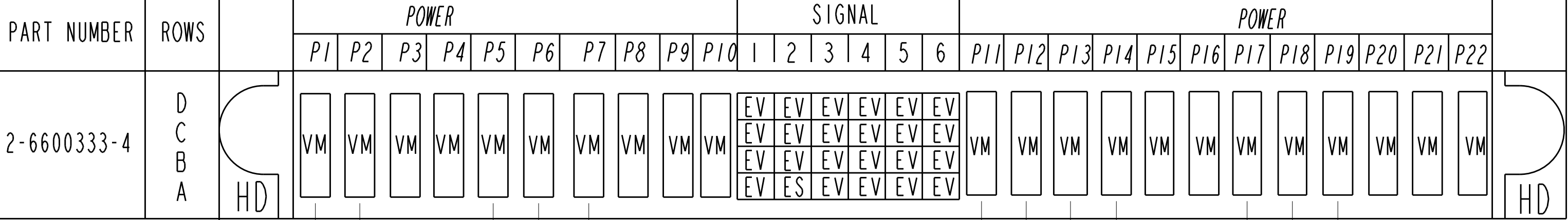
DWN	J. McCLINTON	23MAR2005
CHK	D. TROUT	23MAR2005
APP'D		23MAR2005

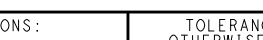
TE Connecting Solutions

4805 (3/11)

Figure 10 illustrates four different configurations for connecting four PLCs (Programmable Logic Controllers) using .200 and .250 connectors. Each PLC is represented by a block with .200 and .250 connection points.

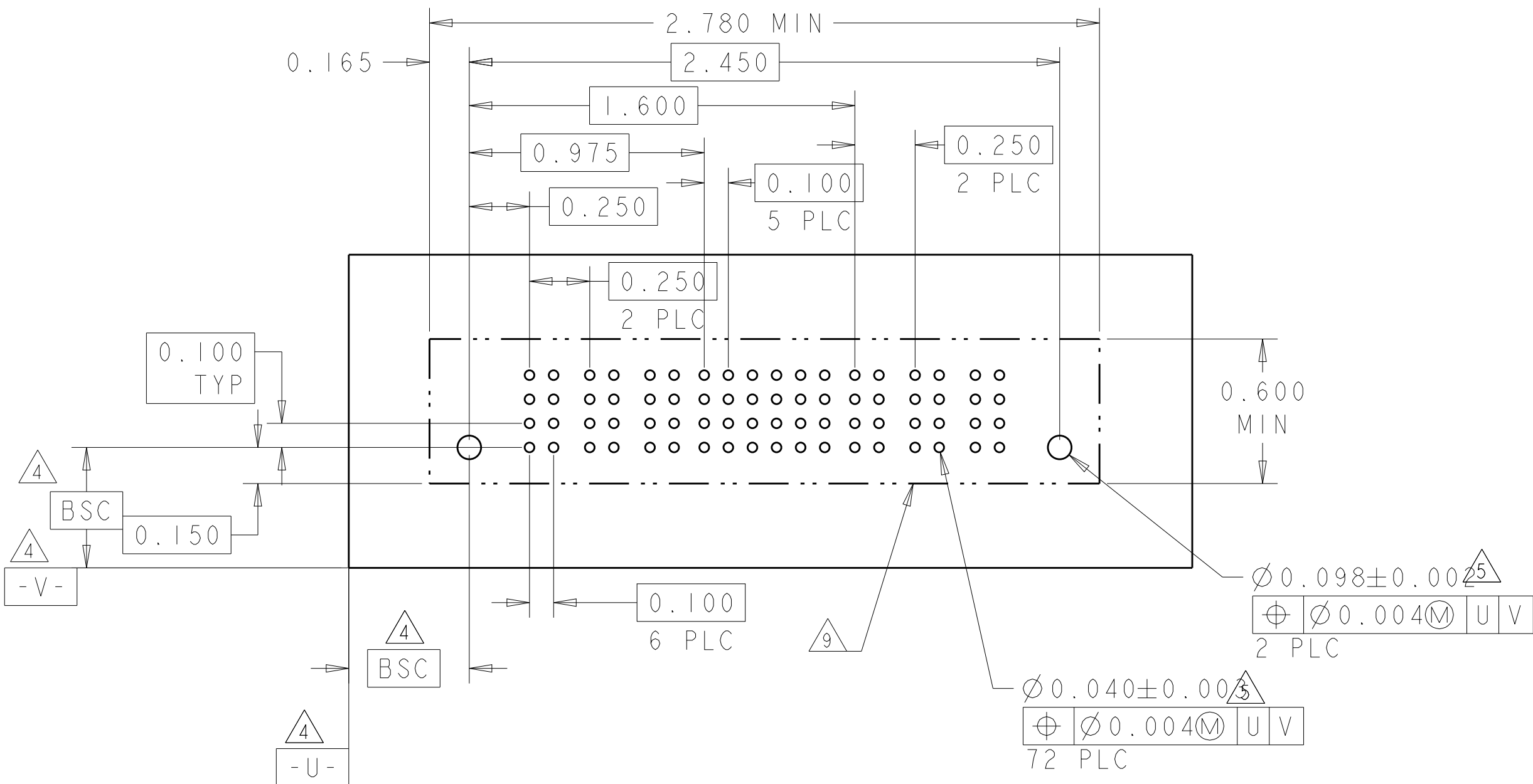
- Diagram 1:** Shows a linear connection where the .200 of one PLC connects to the .250 of the next PLC in a chain.
- Diagram 2:** Shows a star configuration where all four .200 connectors are connected to a single central .250 connector.
- Diagram 3:** Shows a chain configuration where the .200 of one PLC connects to the .250 of the next PLC, with a central hub connection.
- Diagram 4:** Shows a more complex interconnection where the .200 of one PLC connects to the .250 of another PLC, and the .250 of a third PLC connects to the .200 of a fourth PLC.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. McCLINTON 23MAR2005	 TE Connectivity		
DIMENSIONS: INCH		CHK D. TROUT 23MAR2005	NAME VERTICAL HEADER ASSEMBLY, W/GUIDES, PRESS FIT, TYPE PSP MULTI-BEAM XL		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. WHYNE 23MAR2005			
		PRODUCT SPEC 108-1973 APPLICATION SPEC			
0 P/LC ±.1 1 P/LC ±.01 2 P/LC ±.005 3 P/LC ±.0020 ANGLES ±.7°		114-13038 WEIGHT Customer Drawing			
MATERIAL	FINISH	SIZE	CAGE CODE	DRAWING NO.	RESTRICTED TO
-	-	A100779	C=6600333	-	-
SCALE			3:1	SHEET	7 OF 22
REV			P7		

4805 (3/11)

PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
2-6600333-6	D		VM	VM	VM	EV	EV	EV	EV	EV	EV	VM	VM	VM	
	C					EV	EV	EV	EV	EV	EV				
	B					EV	EV	EV	EV	EV	EV				
	A					ES	EV	EV	EV	EV	EV				
3P+24S+3P		HD													HD



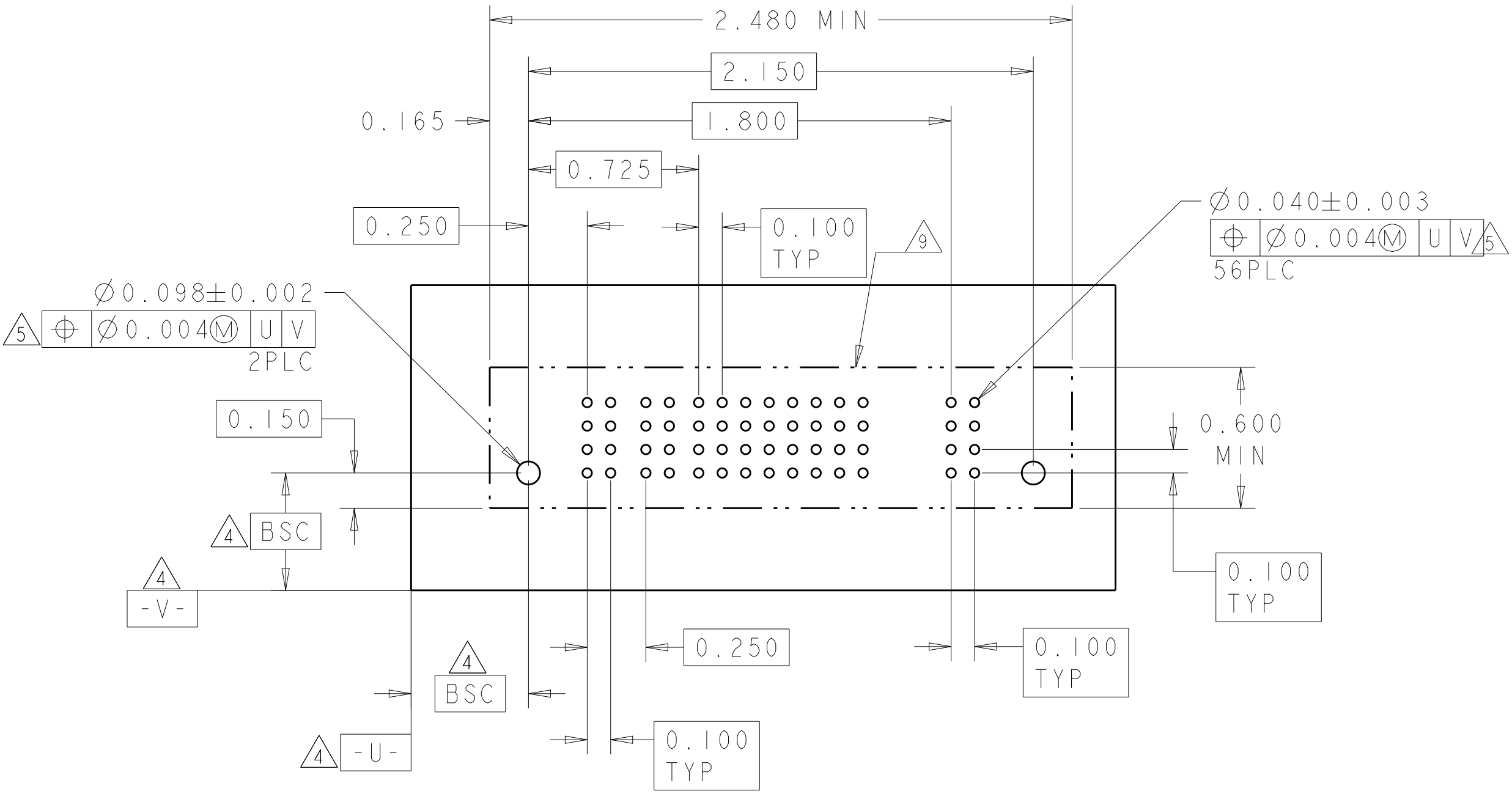
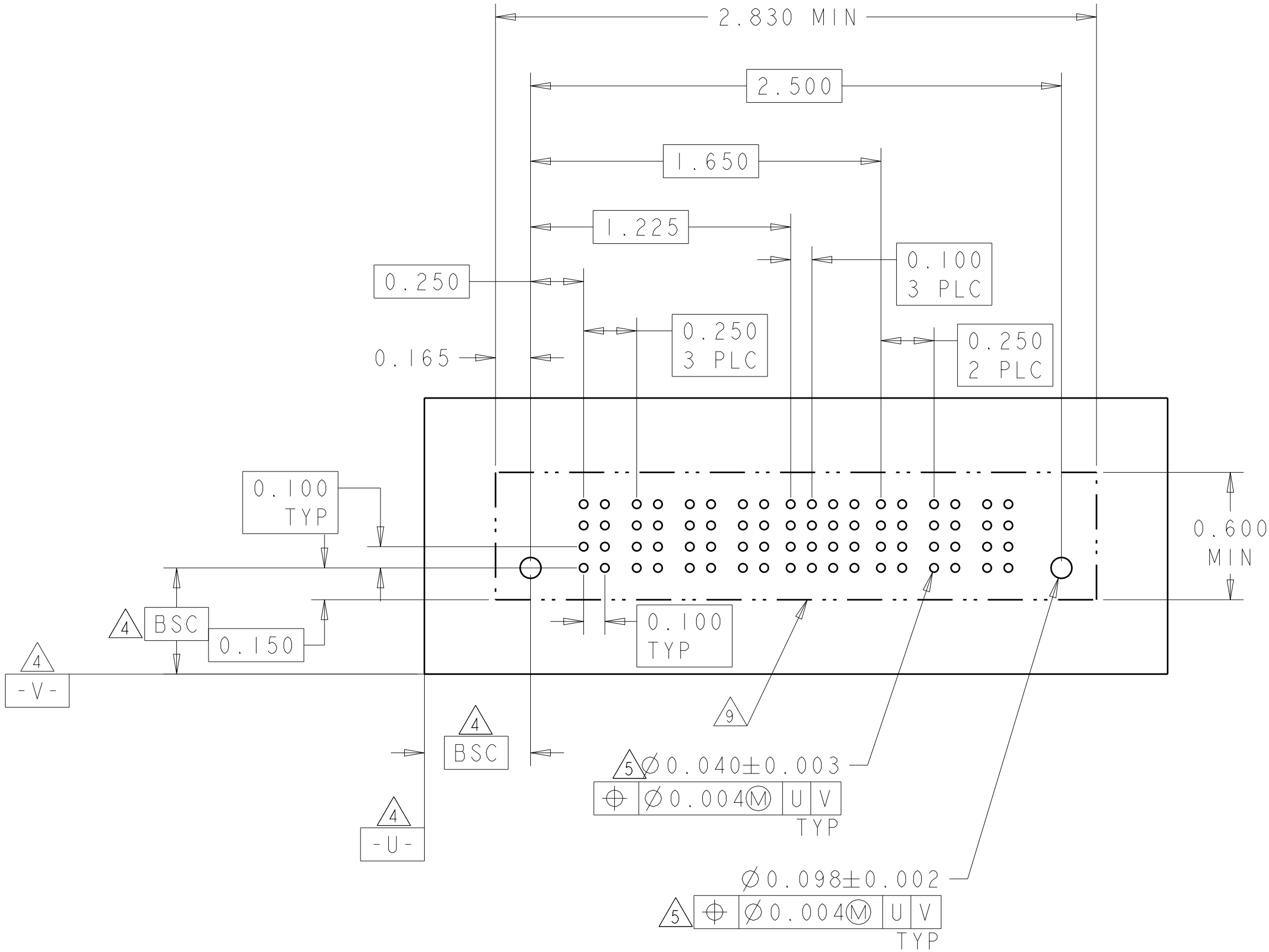
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN McCLINTON		23MAR2005	
		CWN D. TROUT		23MAR2005	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
INCH				VERTICAL HEADER ASSEMBLY, W/GUIDES, PRESS FIT, TYPE PSP MULTI-BEAM XL	
		Ø P/LC ± P/LC ± P/LC ±.01 P/LC ±.005 P/LC ±.0020 ANGLES ±°		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	
MATERIAL	FINISH	WEIGHT	-	SIZE	CAGE CODE DRAWING NO RESTRICTED TO
				A100779G	E=6600333 -
Customer Drawing			SCALE	3:1	SHEET 9 OF 22 REV P7

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

PART NUMBER	ROWS		POWER				SIGNAL				POWER			
			P1	P2	P3	P4	1	2	3	4	P5	P6	P7	
2-6600333-8	D		VM	VM	VM	VM	ES	ES	EV	EV	VM	VM	VM	
	C						ES	EV	EV	EV				
	B						ES	EV	EV	EV				
	A						EV	EV	ES	ES				
4P+16S+3P		HD												HD

PART NUMBER	ROWS		POWER		SIGNAL								POWER		
			P1	P2	1	2	3	4	5	6	7	8	P3	P4	
2-6600333-9	D		VM	VM	ES	EV	EV	EV	EV	EV	EV	EV			
	C				EV	EV	EV	EV	EV	EV	EV	EV		EV	
	B				EV	EV	EV	EV	EV	EV	EV	EV		EV	
	A				ES	EV	EV	EV	EV	EV	EV	EV		ES	
2P+32S+2P		HD													HD

NO CONTACT LOADED

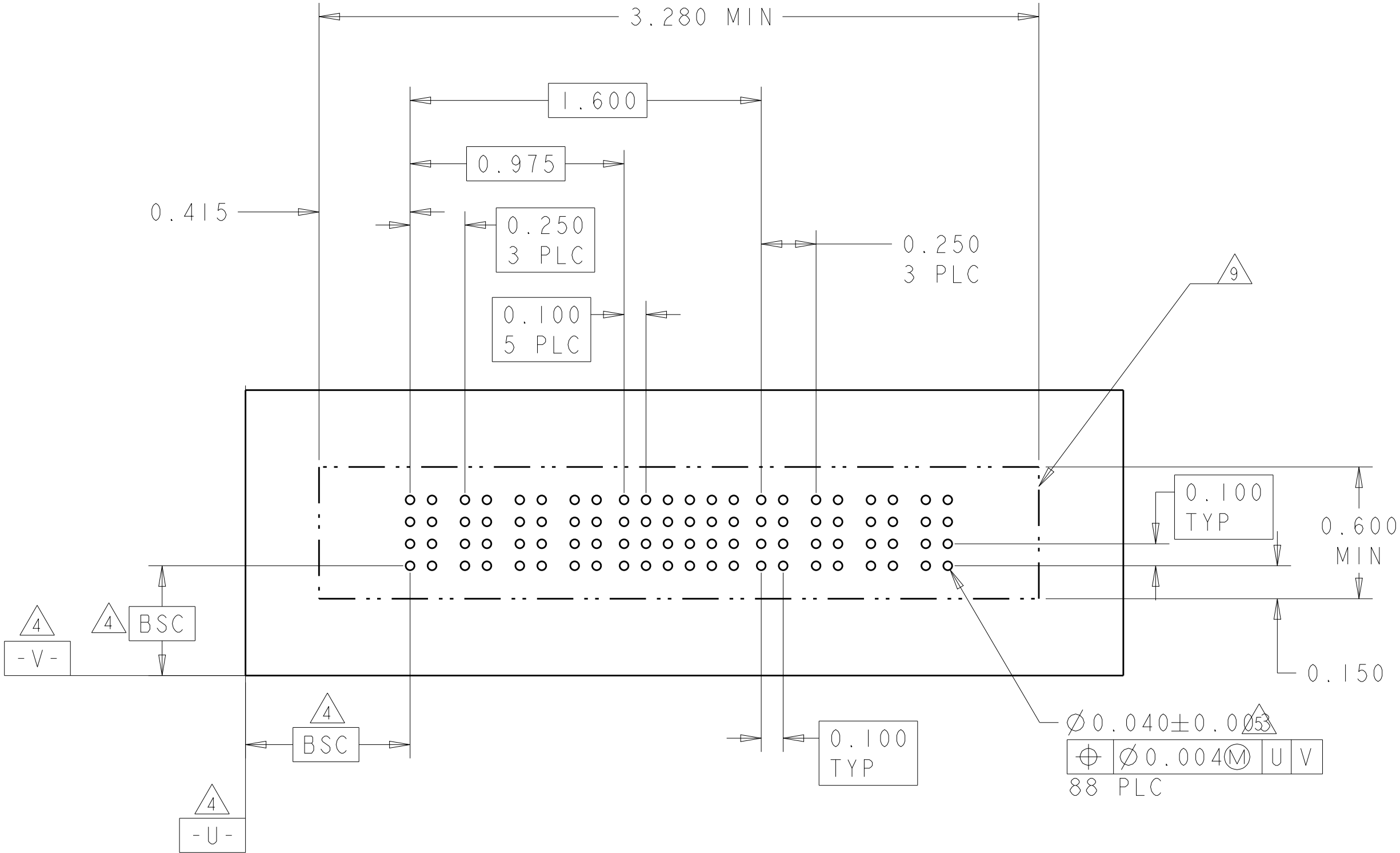
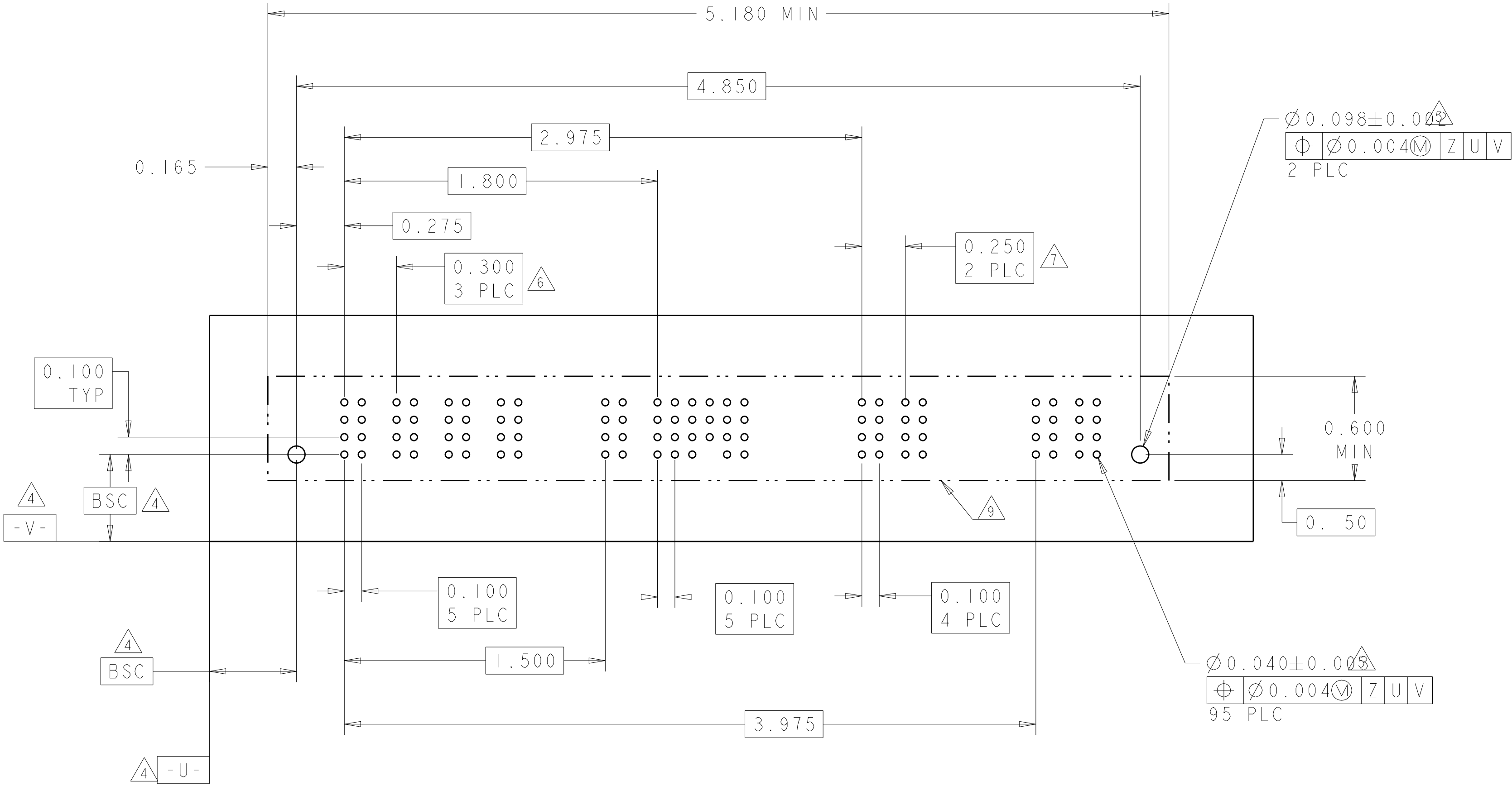


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. McCLINTON 23MAR2005		
DIMENSIONS: INCH		CHK D. TROUT 23MAR2005		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME VERTICAL HEADER ASSEMBLY, W/GUIDES, PRESS FIT, TYPE PSP MULTI-BEAM XL	
	0 PLC ±"		SIZE A1	
	1 PLC ±.01		CAGE CODE 6600333	
	2 PLC ±.01		SHEET 10 OF 22	
MATERIAL -		APVD R. WHYNE 23MAR2005	REV P7	
		PRODUCT SPEC 108-1973		
		APPLICATION SPEC 114-13038		
		WEIGHT -		
		Customer Drawing		

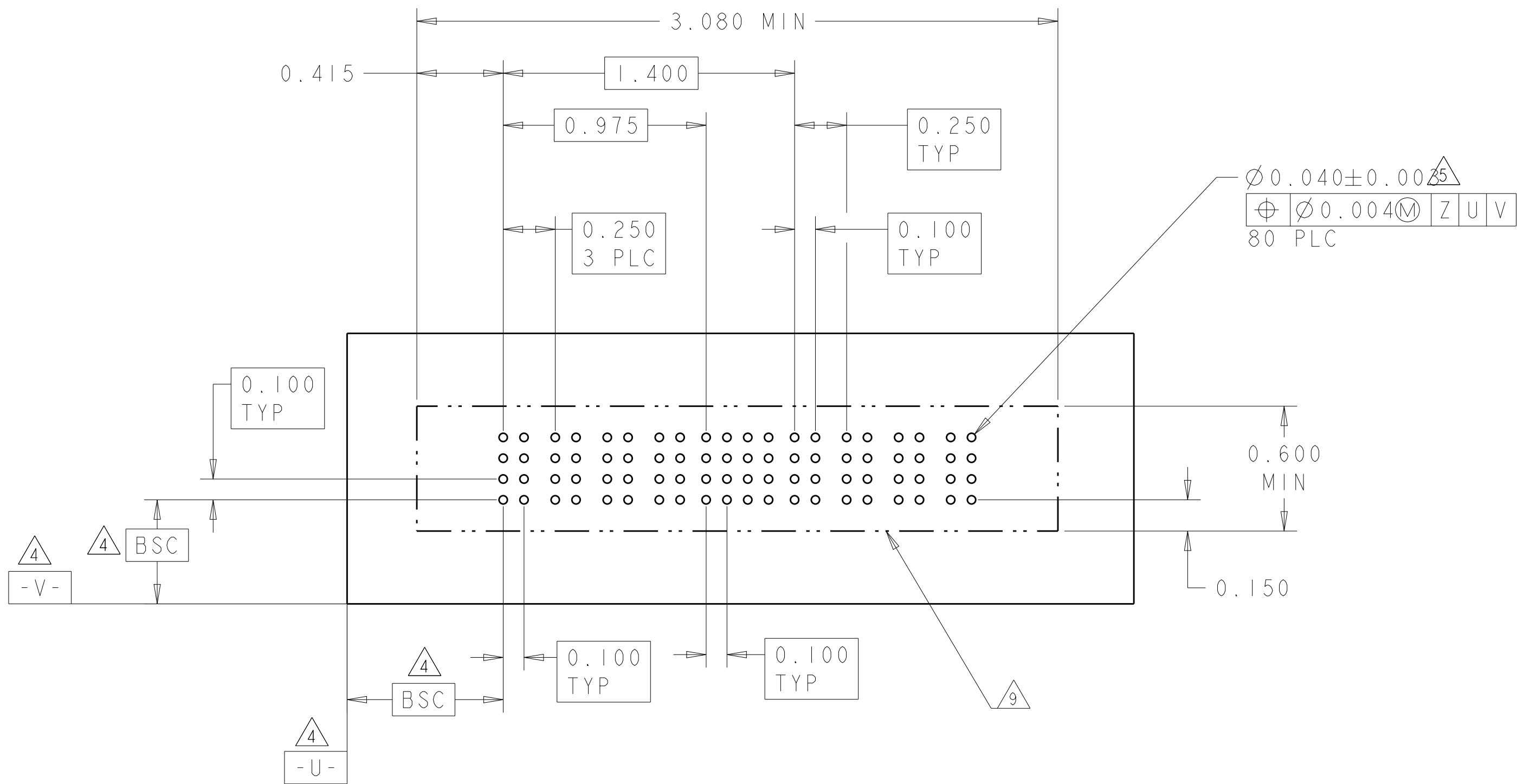
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER						SIGNAL						POWER									
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	P11	P12	P13	P14		
3-6600333-1	D	HD	VM	VM	VM	VM		VM	EV	EV	EV	EV	EV	EV			VM	VM			VM	VM	HD	
	EV								EV	EV	EV	EV	EV											
	EV								EV	EV	EV	EV	EV											
	ES								ES	EV		EV	EV											
6ACP + 24S + 8P																								

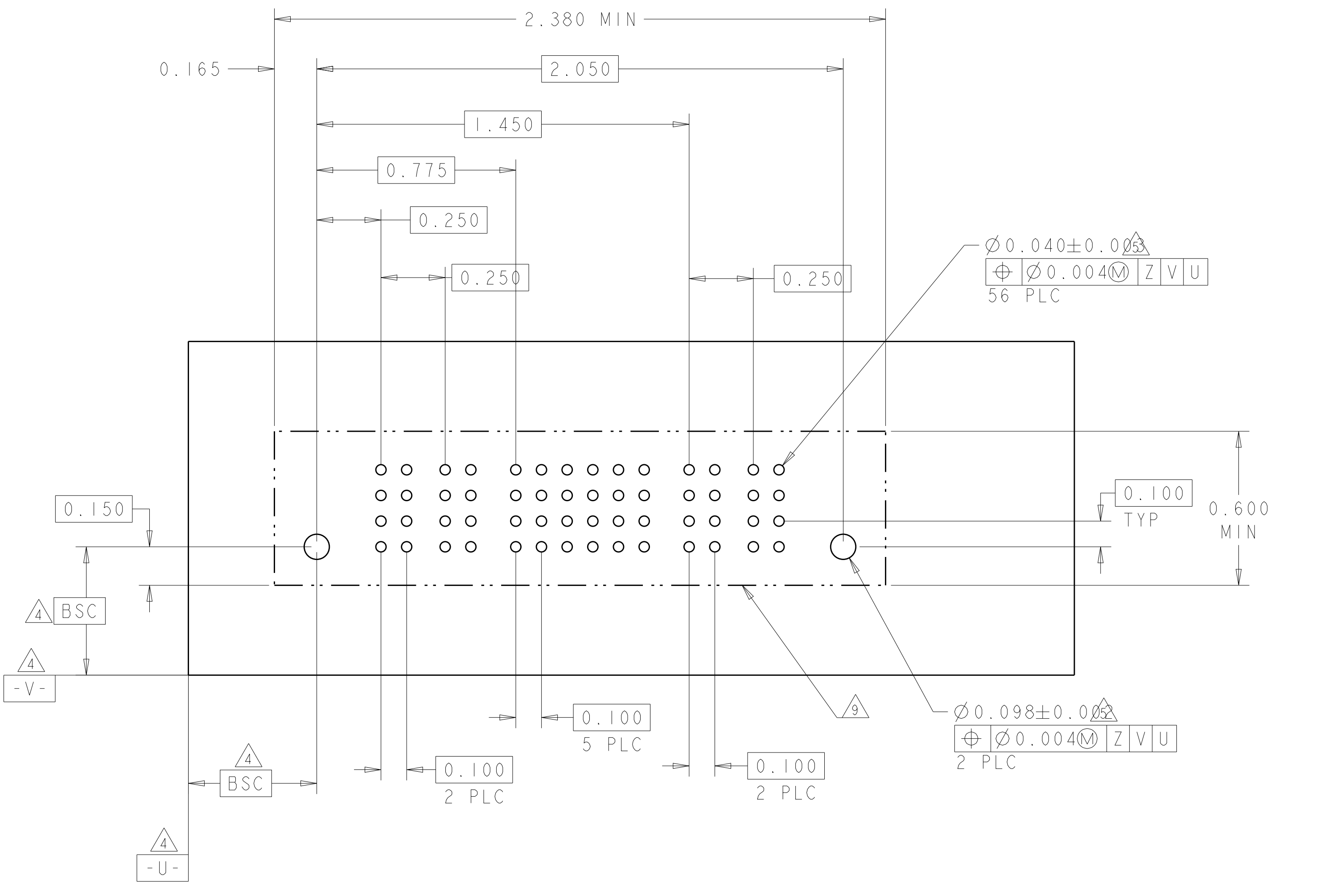
PART NUMBER	ROWS		POWER				SIGNAL						POWER				
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8	
3-6600333-2	D		VM	VM	VM	VM	EV	EV	EV	EV	EV	EV	VM	VM	VM	VM	
	C						EV	EV	EV	EV	EV	EV					
	B						EV	EV	EV	EV	EV	EV					
	A						EV	EV	EV	EV	EV	EV					
4P+24S+4P																	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. McCLINTON 23MAR2005	 TE Connectivity			
DIMENSIONS: INCH		CHK D. TROUT 23MAR2005				
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD R. WHYNE 23MAR2005	NAME VERTICAL HEADER ASSEMBLY, W/GUIDES, PRESS FIT, TYPE PSP MULTI-BEAM XL			
		PRODUCT SPEC 108-1973	SIZE A100779			
		APPLICATION SPEC 114-13038	DRAWING NO C=6600333			
		WEIGHT -	Customer Drawing			
MATERIAL -	FINISH -	SCALE 3:1		SHEET 11	OF 22	REV P7

[illegible]4805 (3/11)

PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	I	2	3	4	5	6	P3	P4	
3-6600333-7	D		VM	VM	ES	EV	EV	EV	EV	EV	VM	VM	
	C				ES	EV	EV	EV	EV	EV			
	B				EV	EV	EV	EV	EV	EV			
	A				ES	EV	EV	EV	EV	EV			
2P+24S+2P		HD											HD



0.415

4.080 MIN

2.400

0.975

0.250
3 PLC

0.250
3 PLC

Ø 0.040 ± 0.005
Ø 0.004 (M) U V
120 PLC

0.100
TYP

0.150

0.600
MIN

4 BSC

- V -

4 BSC

- U -

0.100
4 PLC

0.100
13 PLC

0.100
4 PLC

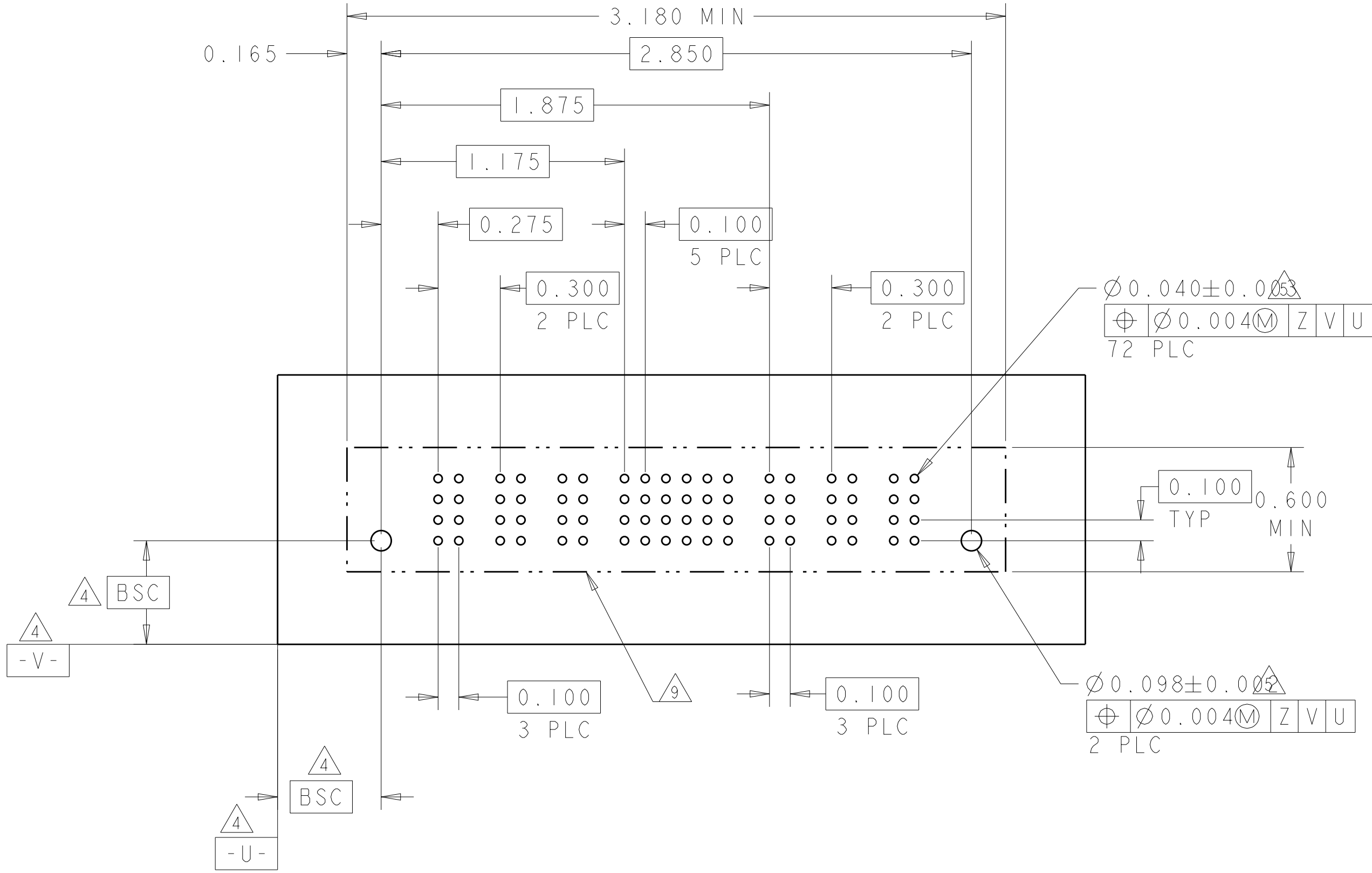
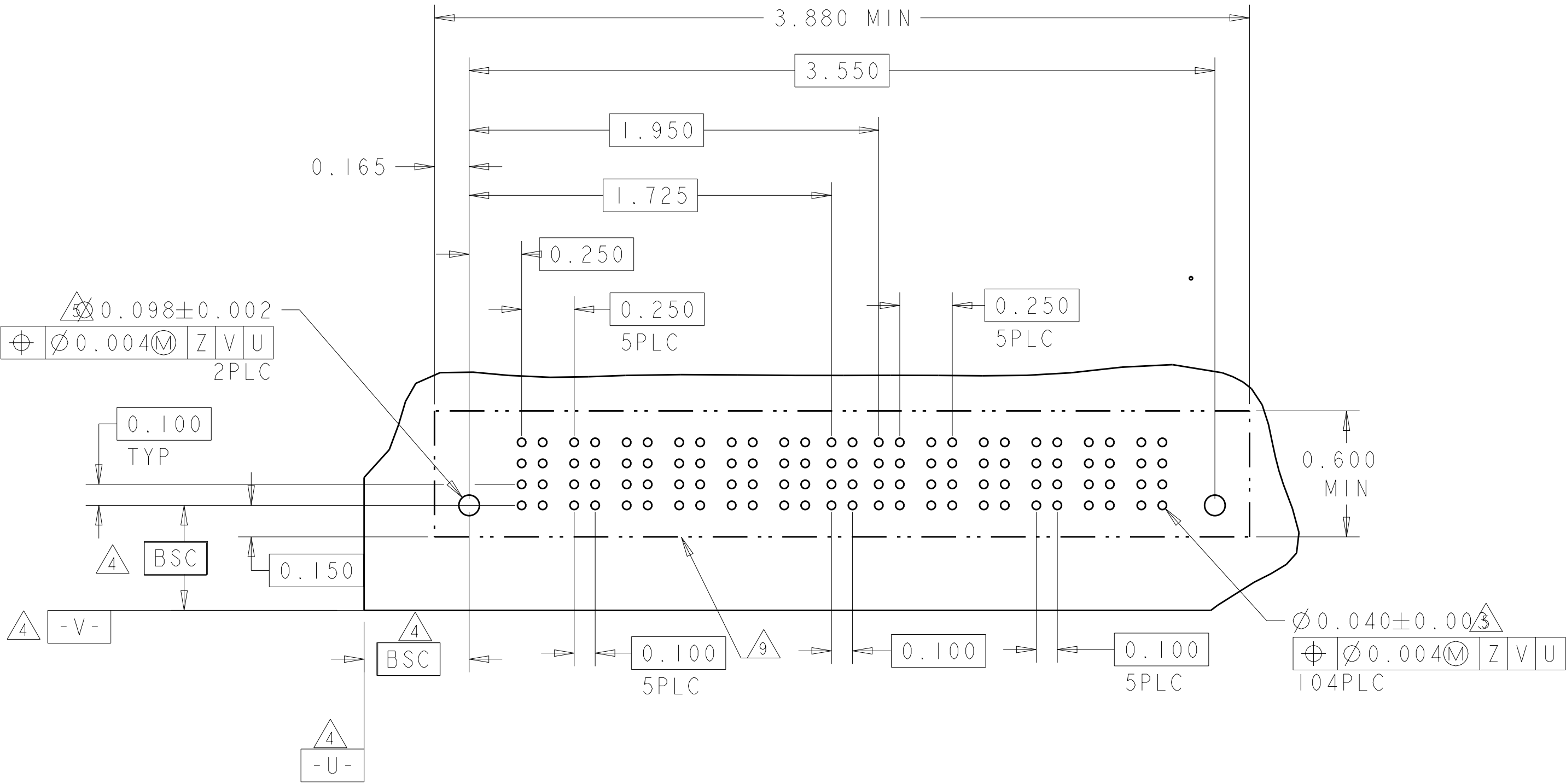
9

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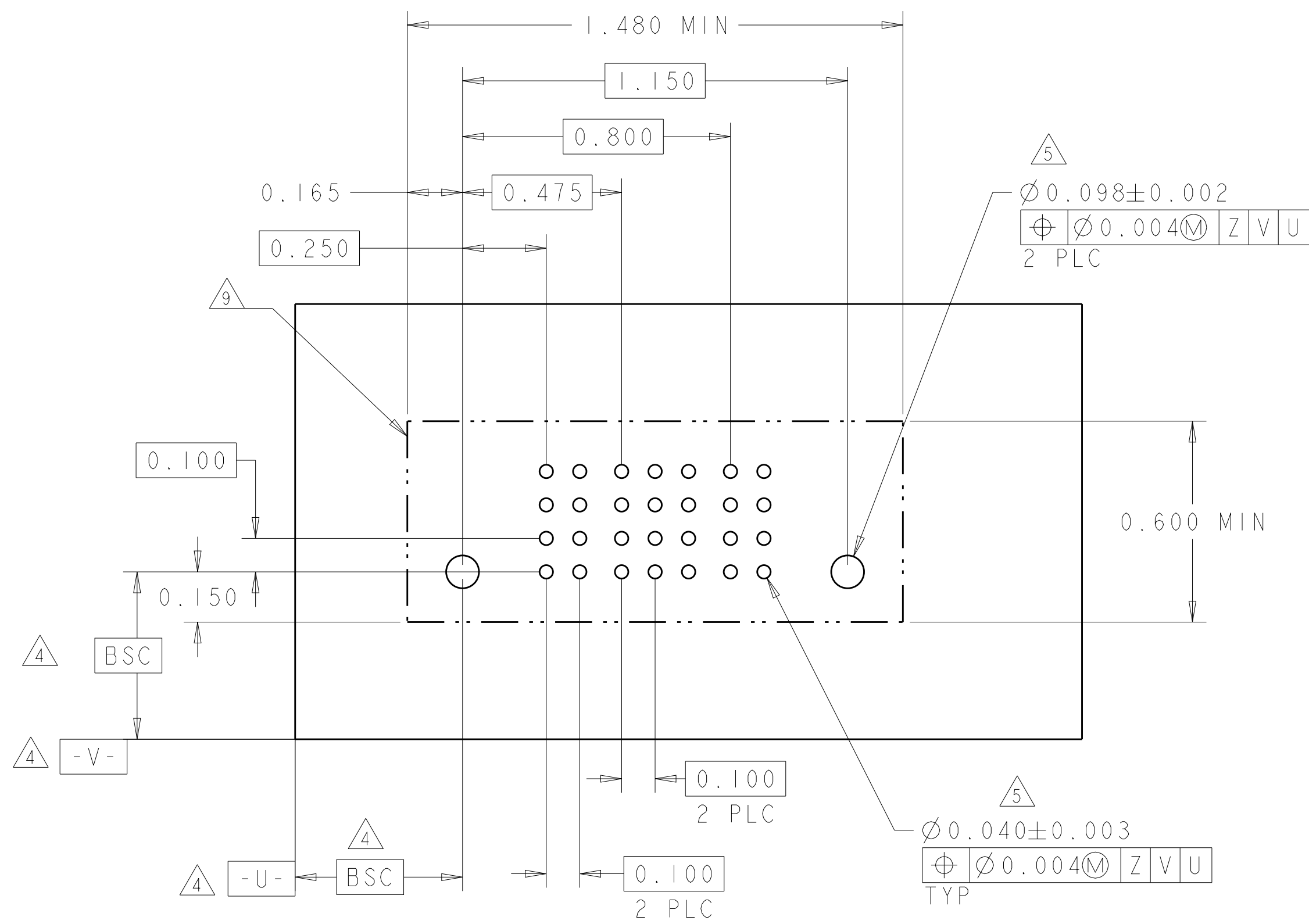
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
ES	00	-	-	SEE SHEET 1	-	-

PART NUMBER	ROWS		POWER						SIGNAL		POWER						
			P1	P2	P3	P4	P5	P6	I	2	P7	P8	P9	P10	P11	P12	
3-6600333-8	D		VM	VM	VM	VM	VM	VM	EV	EV	VM	VM	VM	VM	VM	VM	
	C								EV	EV							
	B								EV	EV							
	A								EV	EV							
6P+8S+6P		HD															HD

PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
3-6600333-9	D		VM	VM	VM	EV	EV	EV	EV	EV	EV	VM	VM	VM	
	C					EV	EV	EV	EV	EV	EV				
	B					EV	EV	EV	EV	EV	EV				
	A					ES	EV	EV	EV	EV	EV				
3ACP+24S+3ACP		HD													HD

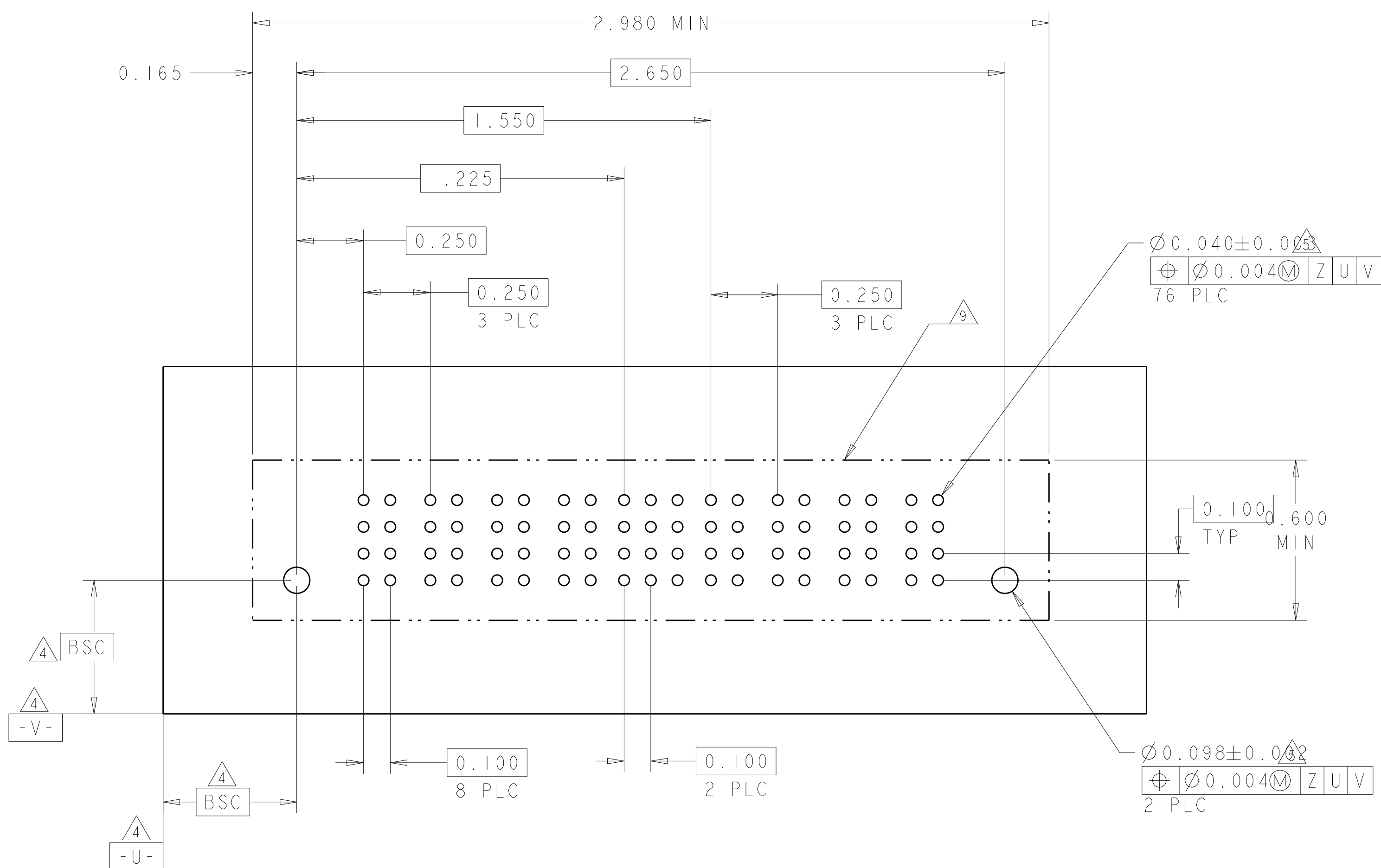


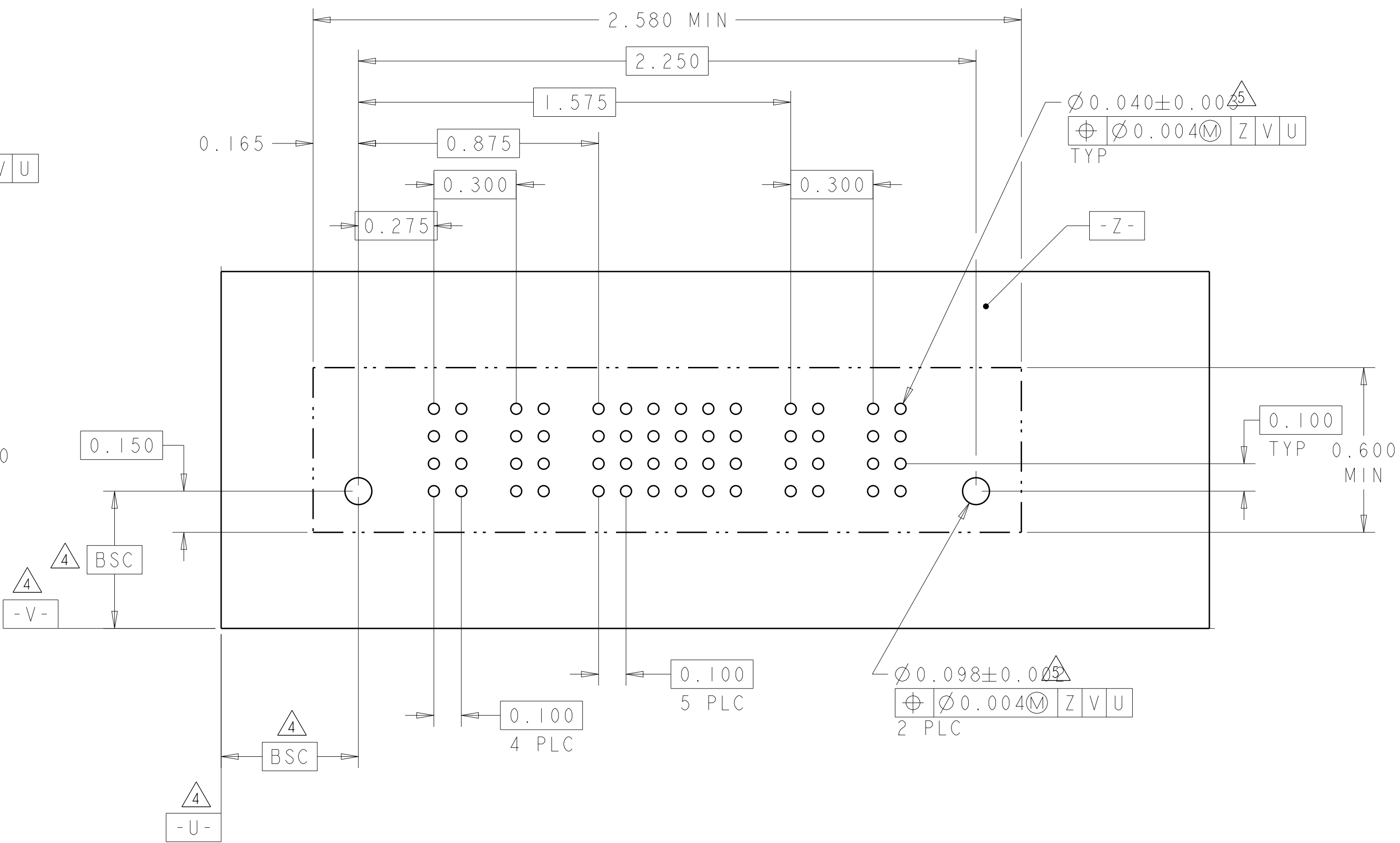
PART NUMBER	ROWS		POWER		SIGNAL			POWER	
			P1	1	2	3	P2		
4-6600333-9	D		VM	ES	EV	EV	VM		
	C			EV	EV	EV			
	B			EV	EV	EV			
	A			EV	EV	EV			
1P+12S+1P		HD							HD

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N

4805 (3/11)

[illegible]4805 (3/11)

[illegible]4805 (3/11)

(N7)



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Technical drawing of a rectangular plate with a grid of holes. The drawing includes dimensions: overall width 2.880 MIN, overall height 0.600 MIN, and various hole spacing dimensions (0.415, 0.475, 0.250, 1.700, 0.100). A feature control frame for a hole specifies a diameter of 0.040 ± 0.003, a circular runout tolerance of 0.004 M, and material removal (V) and secondary operation (U). A surface texture symbol is also present.

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