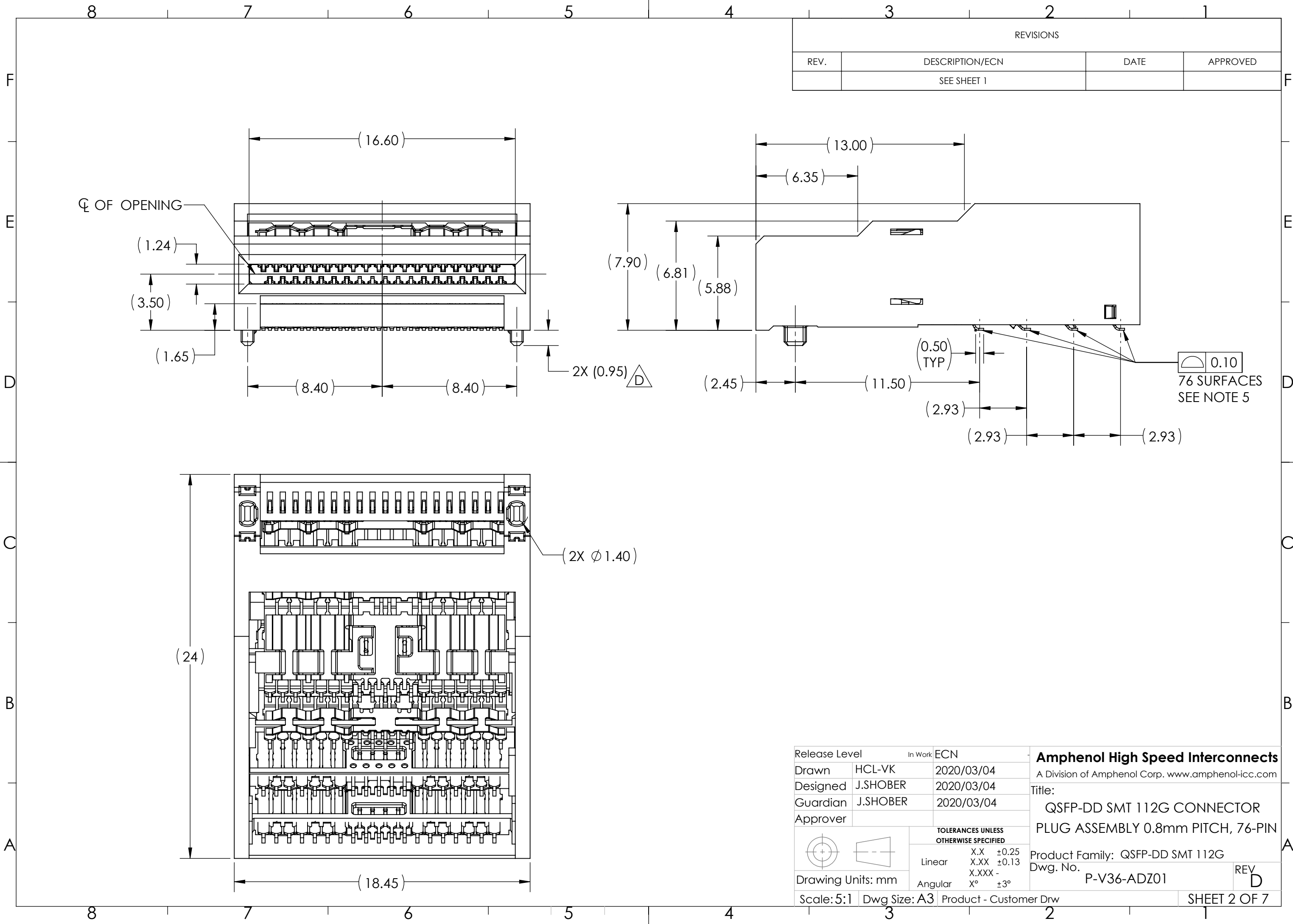
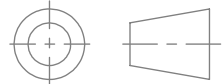


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REVISIONS			
REV.	DESCRIPTION/ECN	DATE	APPROVED
	SEE SHEET 1		

Release Level		In Work	ECN	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-icc.com	
Drawn	HCL-VK	2020/03/04	2020/03/04	Title: QSFP-DD SMT 112G CONNECTOR PLUG ASSEMBLY 0.8mm PITCH, 76-PIN	
Designed	J.SHOBER	2020/03/04	2020/03/04		
Guardian	J.SHOBER	2020/03/04	2020/03/04		
Approver				Product Family: QSFP-DD SMT 112G Dwg. No. P-V36-ADZ01	
		TOLERANCES UNLESS OTHERWISE SPECIFIED		REV D	
		Linear	X.X ±0.25 X.XX ±0.13 X.XXX -		
		Angular	X° ±3°		
Drawing Units: mm		Scale: 5:1			
Dwg Size: A3		Product - Customer Drw		SHEET 2 OF 7	

DO NOT SCALE

0.80 TYP

0.31±0.03(76X)

0.05 A L-K C

0.95±0.03(76X)

0.05 A L-K C

DATUM C

0.40 TYP

0.20

PIN 38

2.93 (19X)

2.93 (19X)

PIN 76

2.93 (19X)

PIN 39

PIN 1

11.50 (19X)

0.50±0.05(4X)

0.20

PIN 20

PIN 58

PIN 57

PIN 19

3.00±0.10(4X)

1.50 MAX (2X)

3.50 MAX

Ø 1.55±0.05 NON-PLATED HOLE

L

Ø 1.55±0.05 NON-PLATED HOLE

Ø 0.05 A L

K

14.20 MAX

16.80

C

DETAIL B
SCALE 4 : 1

DETAIL B
SCALE 4 : 1

DO NOT SCALE

THIS ARE DENOTES
COMPONENT KEEP-OUT
(TRACE ALLOWED)

THESE TWO HOLES MAY
- BE OMITTED WHEN USING CAGES
THAT HAVE NO REAR PRESS-FIT PINS

THESE AREA DENOTE
- COMPONENT AND TRACE
KEEP OUTS

THESE AREAS DENOTE
— COMPONENT AND TRACE
KEEP-OUTS

HATCHED AREA DENOTES
COMPONENT AND TRACE
KEEP-OUT
(EXCEPT CHASSIS GROUND)

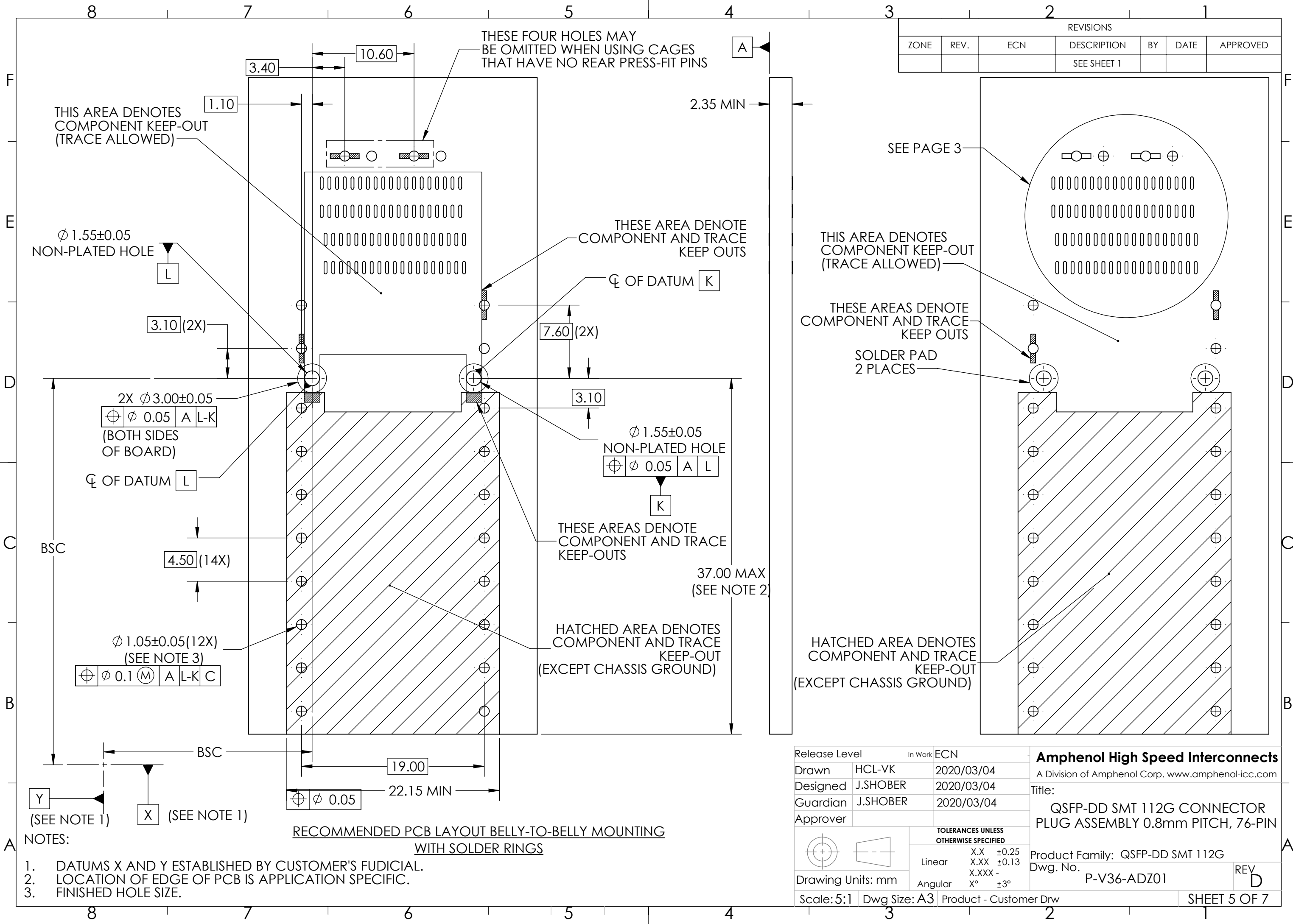
23.10 (2X) (23.95)

Y (SEE NOTE 1) X (SEE NOTE 1)

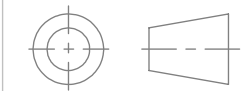
NOTES:

1. DATUMS X AND Y ESTABLISHED BY CUSTOMER'S FUDICIAL.
2. LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.
3. FINISHED HOLE SIZE.

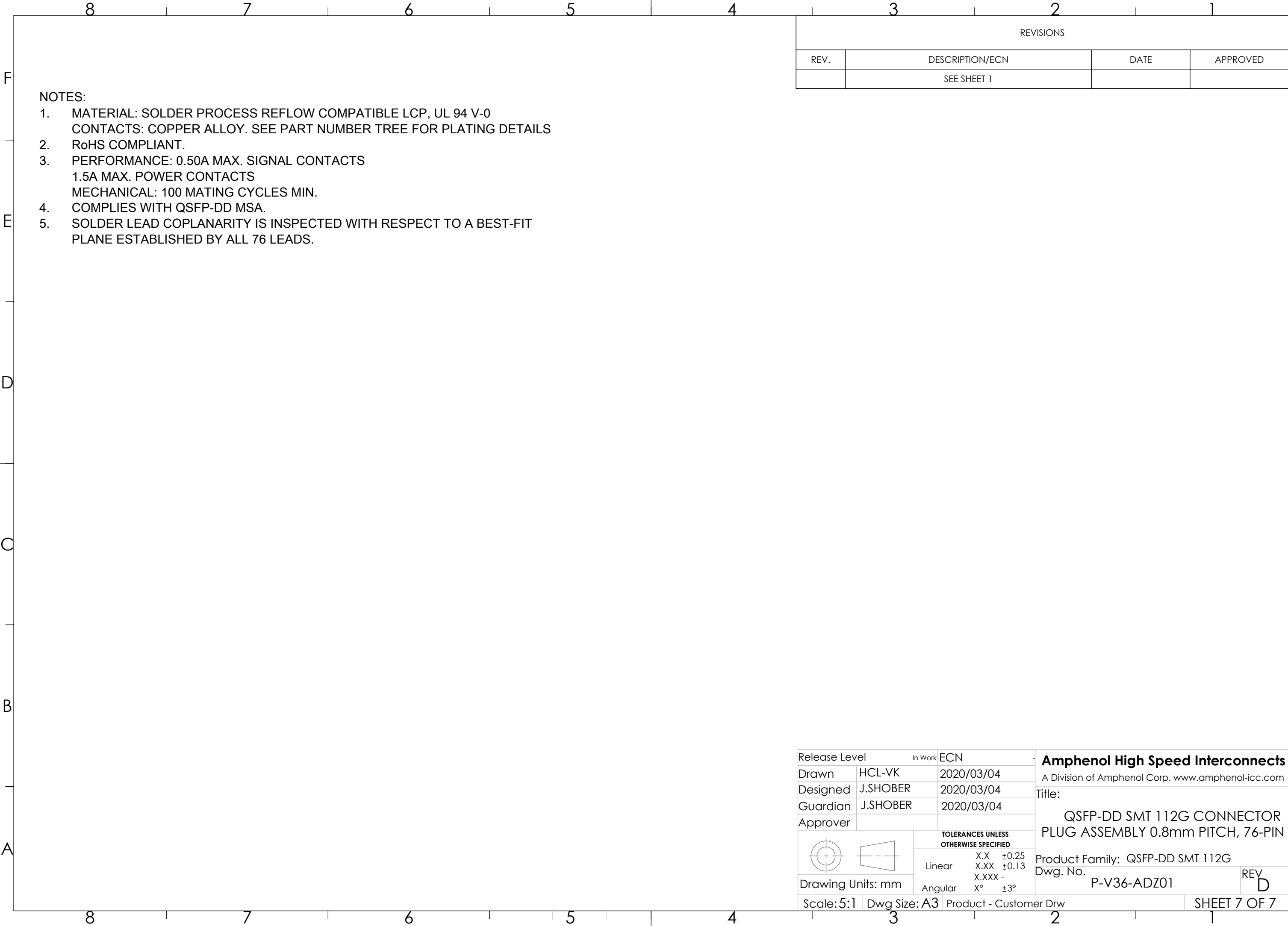
RECOMMENDED PCB LAYOUT SINGLE-SIDED MOUNTING



REVISIONS						
ZONE	REV.	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			

Release Level		In Work	ECN	Amphenol High Speed Interconnects		
Drawn	HCL-VK	2020/03/04		A Division of Amphenol Corp. www.amphenol-icc.com		
Designed	J.SHOBER	2020/03/04		Title:		
Guardian	J.SHOBER	2020/03/04		QSFP-DD SMT 112G CONNECTOR PLUG ASSEMBLY 0.8mm PITCH, 76-PIN		
Approver				Product Family: QSFP-DD SMT 112G		
		TOLERANCES UNLESS OTHERWISE SPECIFIED		Dwg. No. P-V36-ADZ01		
				REV D		
				SHEET 5 OF 7		
Scale: 5:1		Dwg Size: A3	Product - Customer Drw			

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NOTES:

1. MATERIAL: SOLDER PROCESS REFLOW COMPATIBLE LCP, UL 94 V-0
CONTACTS: COPPER ALLOY. SEE PART NUMBER TREE FOR PLATING DETAILS
2. RoHS COMPLIANT.
3. PERFORMANCE: 0.50A MAX. SIGNAL CONTACTS
1.5A MAX. POWER CONTACTS
MECHANICAL: 100 MATING CYCLES MIN.
4. COMPLIES WITH QSFP-DD MSA.
5. SOLDER LEAD COPLANARITY IS INSPECTED WITH RESPECT TO A BEST-FIT PLANE ESTABLISHED BY ALL 76 LEADS.

REVISIONS			
REV.	DESCRIPTION/ECN	DATE	APPROVED
	SEE SHEET 1		

Release Level		In Work	ECN	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-icc.com Title: QSFP-DD SMT 112G CONNECTOR PLUG ASSEMBLY 0.8mm PITCH, 76-PIN Product Family: QSFP-DD SMT 112G Dwg. No. P-V36-ADZ01 REV D
Drawn	HCL-VK		2020/03/04	
Designed	J.SHOBER		2020/03/04	
Guardian	J.SHOBER		2020/03/04	
Approver				
		TOLERANCES UNLESS OTHERWISE SPECIFIED		
		Linear	X.X ±0.25	
			X.XX ±0.13	
			X.XXX -	
Drawing Units: mm		Angular	X° ±3°	
Scale: 5:1	Dwg Size: A3	Product - Customer Drw		SHEET 7 OF 7