

A

A

REVISIONS						
ZONE	REV.	ECN	DESCRIPTION	BY	DATE	APPROVED
ALL SHT1, SHT5	E	180004	CHANGED DRAWING NUMBER ADDED U36-A1070-X000T AND FOOTPRINT FOR SOLDER RING OPTION	KAW	01/10/2018	AYZ
SHT 1 3-A5, D2, D6 4-A5, D2, D6 5-A5, D6 5-D3	F	180049	REMOVED U36-A1040-X000T OPTION ADDED DIMENSIONS ADDED DIMENSIONS ADDED DIMENSIONS REVISED SOLDER RING PAD DIMENSIONS	KAW	07/17/2018	AYZ
1-E3 2-C2 2-D4 3-B4, 4-B4 3-E3, 4-E3	G	190073	ADDED NOTE 5 ADDED SOLDER LEAD COPLANARITY CONTROL ADDED SOLDER RING COPLANARITY CONTROL ADDED OPTIONAL REMOVAL OF REAR PRESS-FIT PIN HOLES ADDED KEEP-OUT NOTE	KAW	07/15/2019	AYZ

B

B

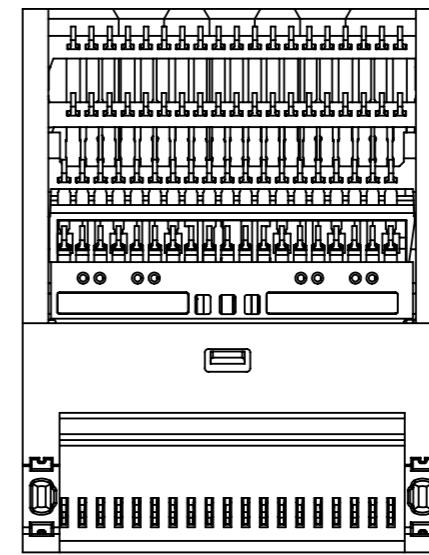
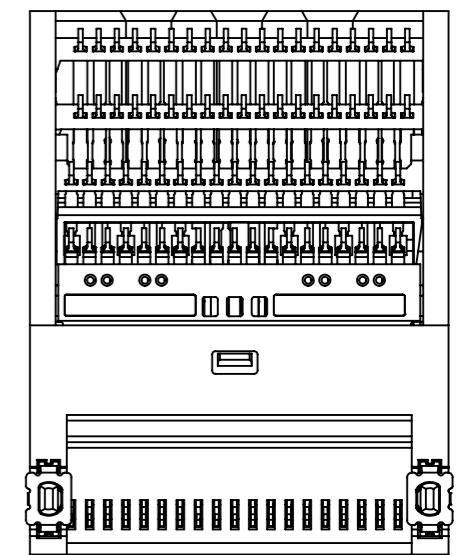
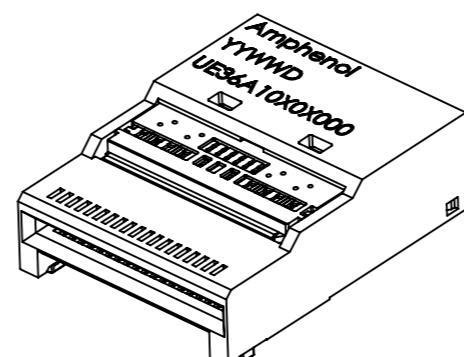
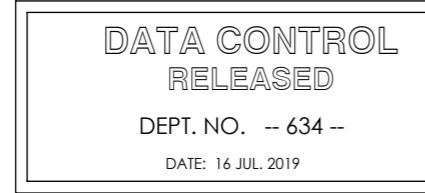
AMPHENOL PART NUMBER CONFIGURATION

UE36-A10X0-X000T

TERMINATION OPTION
1 = STANDARD SINGLE SIDE
7 = SOLDER RINGS

PACKAGING
T = TAPE AND REEL

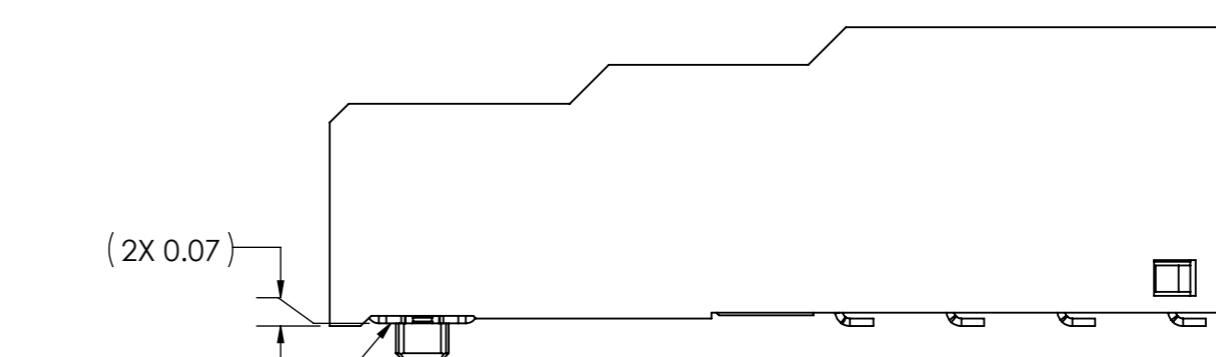
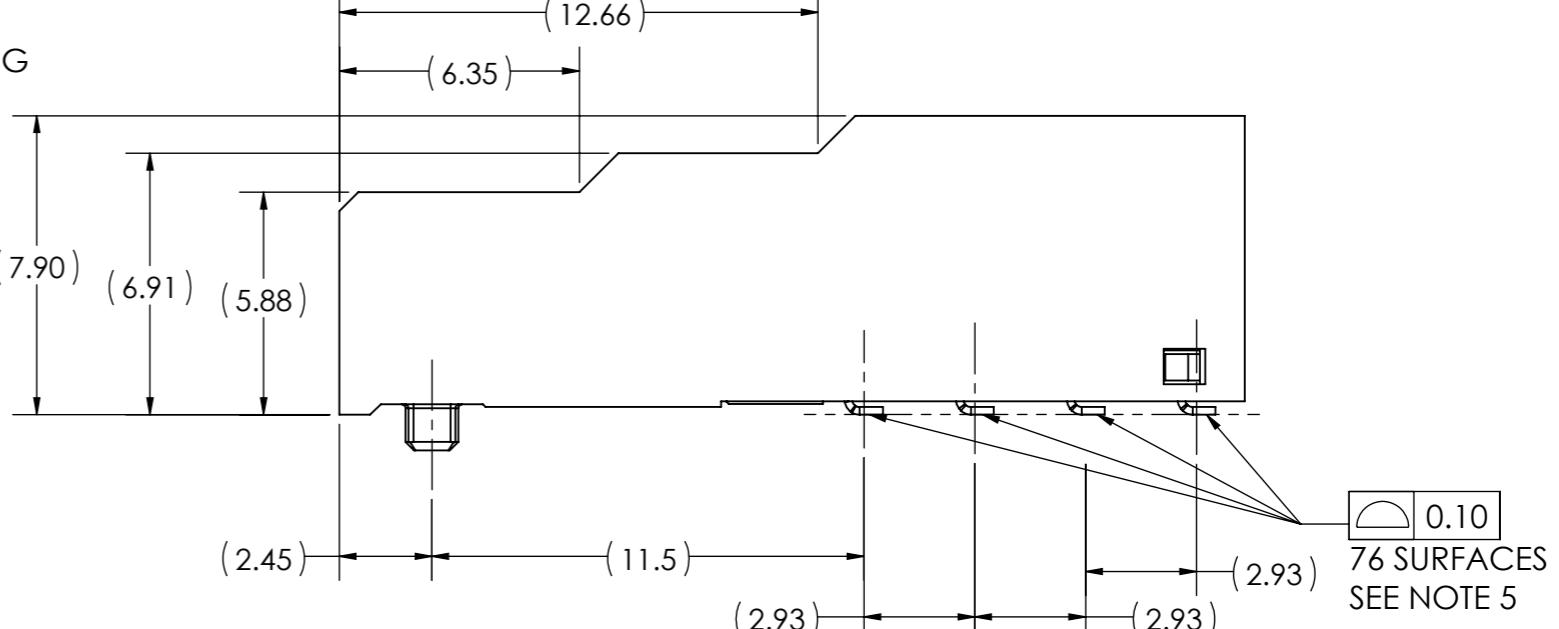
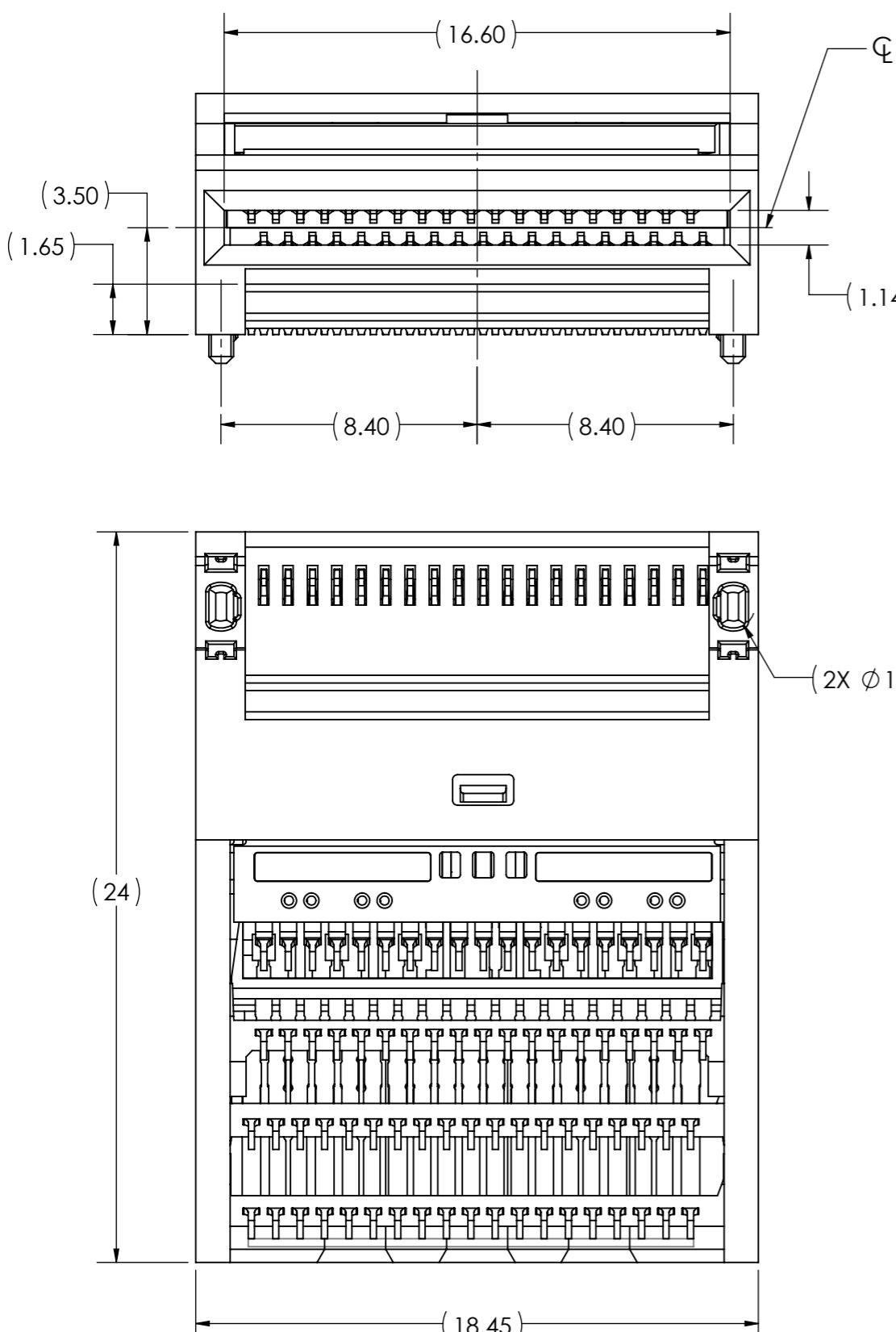
PLATING OPTION
2 = 0.76µm GOLD OVER PALLADIUM-NICKEL
AT MATING AREA
2.54µm-6.35µm MATTE TIN TERMINATION
3 = 0.76µm GOLD AT MATING AREA
2.54µm-6.35µm MATTE TIN TERMINATION
6 = 0.38µm GOLD AT MATING AREA
2.54µm-6.35µm MATTE TIN TERMINATION

UE36-A1010-X000T
(STANDARD SINGLE-SIDE
MOUNTING)UE36-A1070-X000T
(WITH SOLDER RINGS
FOR BELLY TO BELLY
MOUNTING)ISOMETRIC VIEW
SCALE 2:1

DO NOT SCALE DRAWING

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS	DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-hightspeed.com
DECIMALS	ANGLES			TITLE
X.X±0.25	± 3°	DRAWN KEN W.	01/10/2018	QSFP-DD 1X1 SMT CONNECTOR PLUG ASSEMBLY 0.8mm PITCH, 76-PIN
X.XX±0.13		DESIGNED HCL-VK	01/10/2018	
		CHECKED KEN W.	01/10/2018	
		QA APPD JOE P.	01/10/2018	
		IE APP'D ANDY C.	01/10/2018	
		REF. -		
		SEE NOTES		
		CODE IDENT. NO. -		
		DWG APP'D ARKADY Z.	01/10/2018	
		SCALE 5:1	PROJECT -	1 OF 4
		DWG. NO. P-UE36-A10X0-X000T	REV. G	

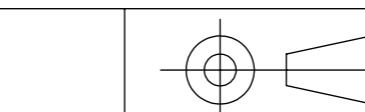


DATA CONTROL
RELEASED

DEPT. NO. -- 634 --

DATE: 16 JUL. 2019

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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ARE:

DECIMALS X.X±0.25
X.XX±0.13

ANGLES ± 3°

DESIGNED HCL-VK 01/10/2018

CHECKED KEN W. 01/10/2018

QA APPD JOE P. 01/10/2018

IE APP'D ANDY C. 01/10/2018

REF. -

CODE IDENT. NO. -

DWG APP'D ARKADY Z. 01/10/2018

APPROVALS

DATE

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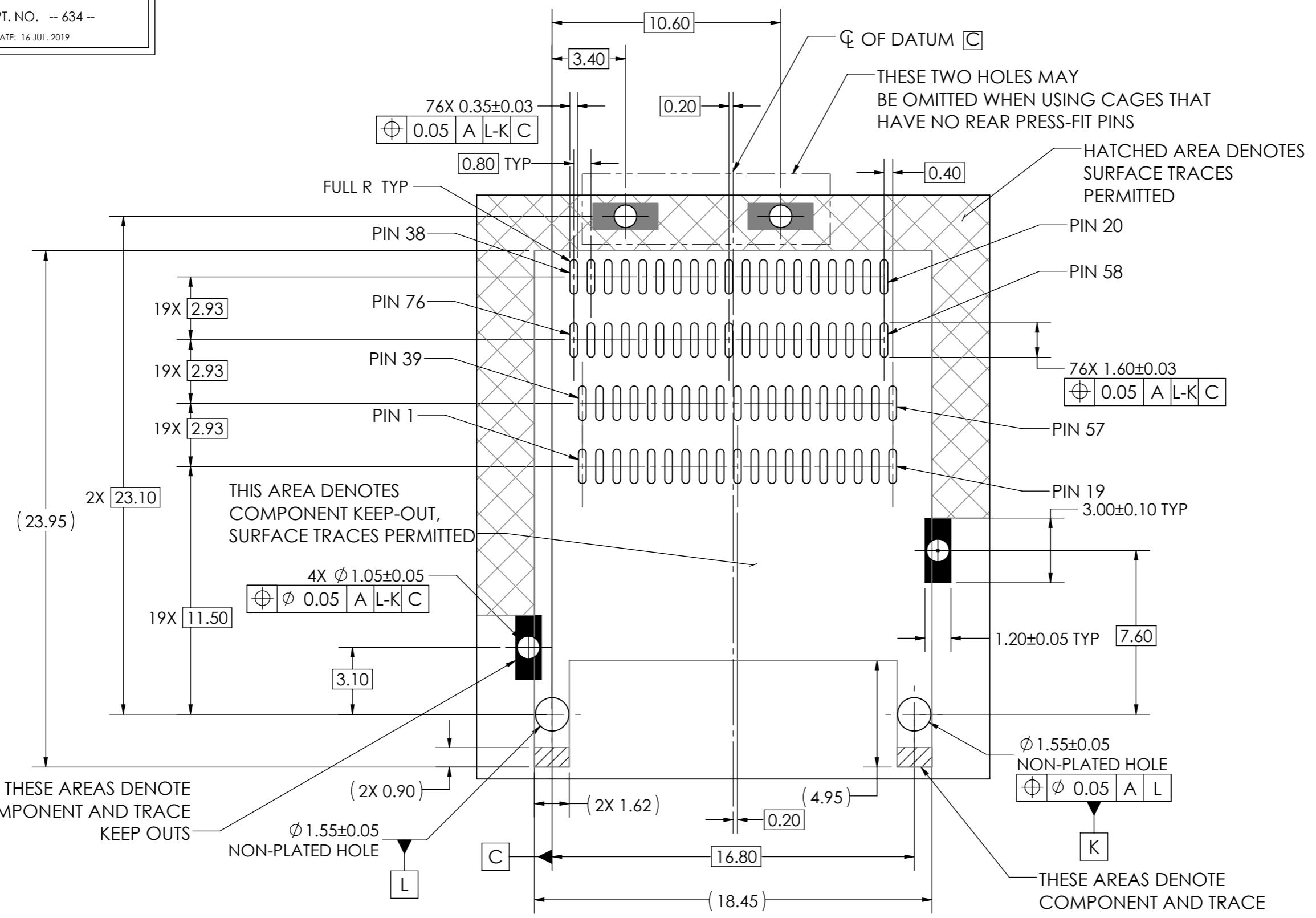
TITLE
QSFP-DD 1X1 SMT CONNECTOR
PLUG ASSEMBLY
0.8mm PITCH, 76-PIN

SIZE A3 DWG. NO. P-UE36-A10X0-X000T REV. G

SCALE 5:1 PROJECT - SHEET 2 OF 4

DATA CONTROL RELEASED	
DEPT. NO. -- 634 --	
DATE: 16 JUL. 2019	

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



RECOMMENDED PCB LAYOUT
SINGLE-SIDED MOUNTING

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ARE:
DECIMALS $X.X \pm 0.25$
 $X.XX \pm 0.13$

ANGLES $\pm 3^\circ$

MATERIAL AND FINISH

SEE NOTES

REF.

CODE IDENT. NO. -

DWG APP'D ARKADY Z.

APPROVALS

DATE

DRAWN KEN W. 01/10/2018

DESIGNED HCL-VK 01/10/2018

CHECKED KEN W. 01/10/2018

QA APP'D JOE P. 01/10/2018

IE APP'D ANDY C. 01/10/2018

Amphenol High Speed Interconnects

A Division of Amphenol Corp. www.amphenol-highspeed.com

TITLE

QSFP-DD 1X1 SMT CONNECTOR
PLUG ASSEMBLY
0.8mm PITCH, 76-PIN

SIZE A3 DWG. NO. P-UE36-A10X0-X000T REV. G

SCALE 5:1 PROJECT - SHEET 3 OF 4

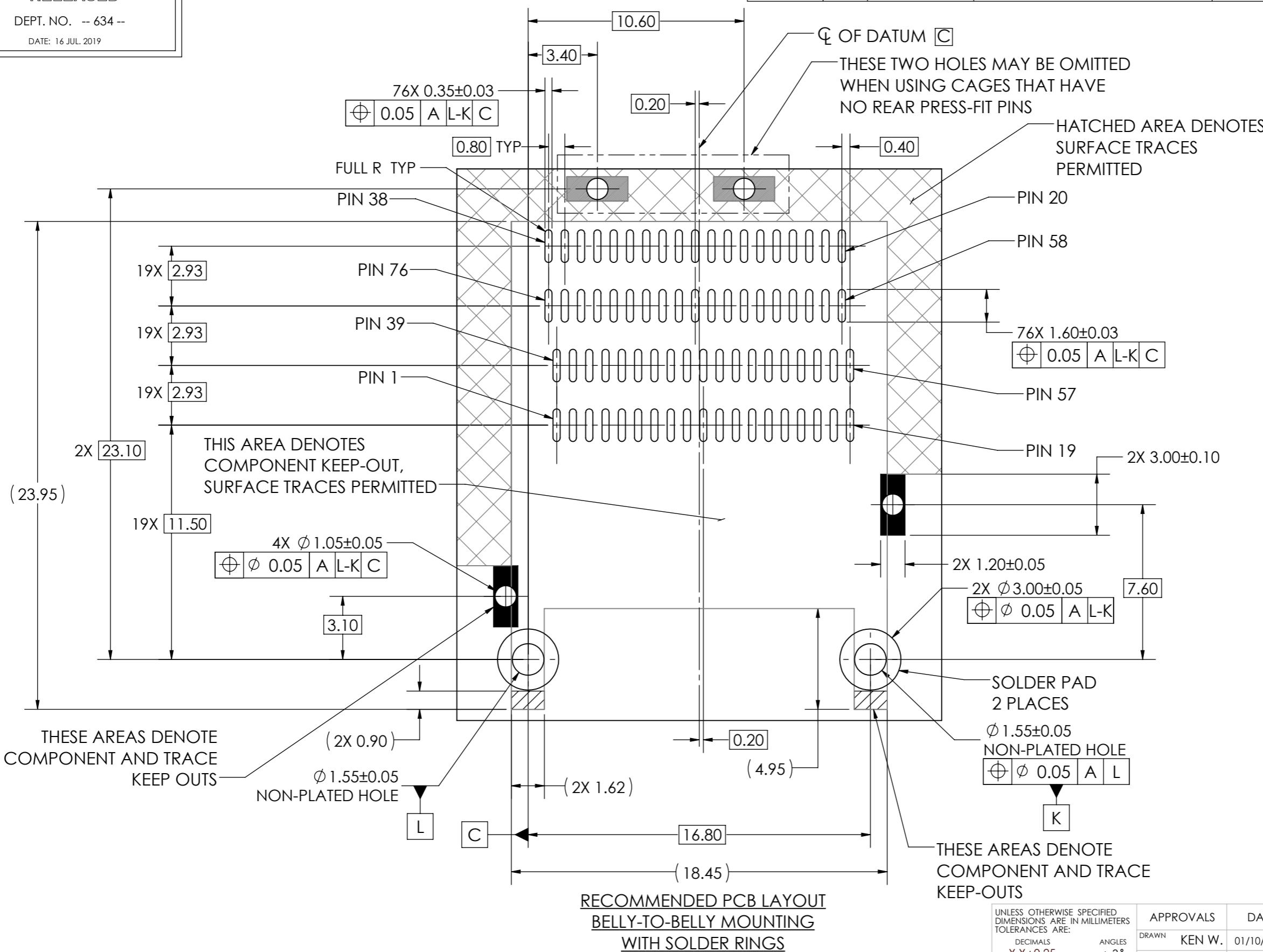
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DATA CONTROL RELEASED

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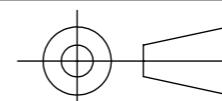
REVISIONS						
ZONE	REV.	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



RECOMMENDED PCB LAYOUT BELLY-TO-BELLY MOUNTING WITH SOLDER RINGS

DO NOT SCALE DRAWING

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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETER
TOLERANCES ARE:
DECIMALS ANGLE
 $X.X \pm 0.25$ $\pm 3^{\circ}$
 $X.XX \pm 0.13$

MATERIAL AND FINISH SEE NOTES

REF. -

CODE IDENT. NO. -

Amphenol High Speed Interconnects
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QSFP-DD 1X1 SMT CONNECTOR PLUG ASSEMBLY 0.8mm PITCH, 76-PIN

REV. G
5:1 PROJECT - SHEET 4 OF 4