

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

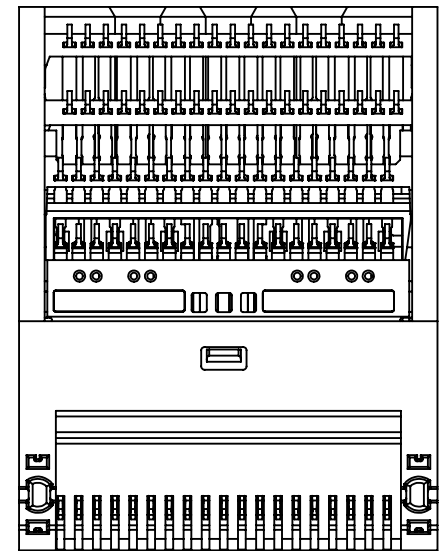
AMPHENOL PART NUMBER CONFIGURATION

UE36-A10X0-X000T

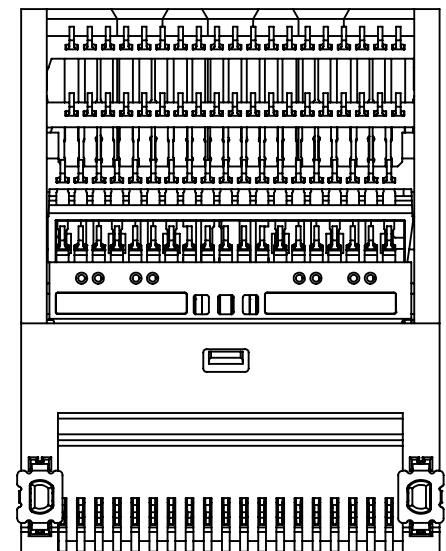
TERMINATION OPTION
1 = STANDARD SINGLE SIDE
7 = SOLDER RINGS

PACKAGING
T = TAPE AND REEL

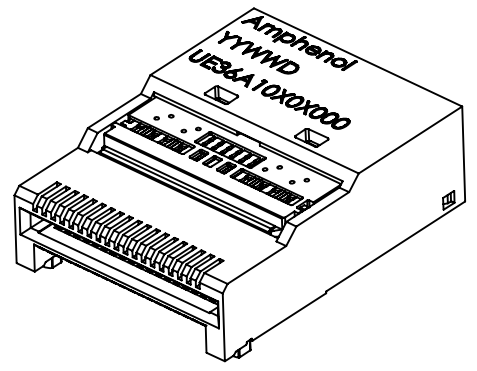
PLATING OPTION
2 = 0.76µm GOLD OVER PALLADIUM-NICKEL
AT MATING AREA
2.54µm-6.35µm MATTE TIN TERMINATION
3 = 0.76µm GOLD AT MATING AREA
2.54µm-6.35µm MATTE TIN TERMINATION
6 = 0.38µm GOLD AT MATING AREA
2.54µm-6.35µm MATTE TIN TERMINATION



UE36-A1010-X000T
(STANDARD SINGLE-SIDE MOUNTING)



UE36-A1070-X000T
(WITH SOLDER RINGS FOR BELLY TO BELLY MOUNTING)



ISOMETRIC VIEW
SCALE 2:1

NOTES:

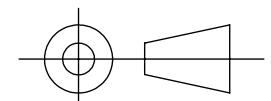
- MATERIAL:** SOLDER PROCESS REFLOW COMPATIBLE LCP, UL 94 V-0
CONTACTS: COPPER ALLOY. SEE PART NUMBER TREE FOR PLATING DETAILS
- RoHS COMPLIANT.
- PERFORMANCE:** 0.50A MAX. SIGNAL CONTACTS
1.0A MAX. POWER CONTACTS
MECHANICAL: 100 MATING CYCLES MIN.
- COMPLIES WITH QSFP-DD MSA.



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DATE: 19 JUL 2018

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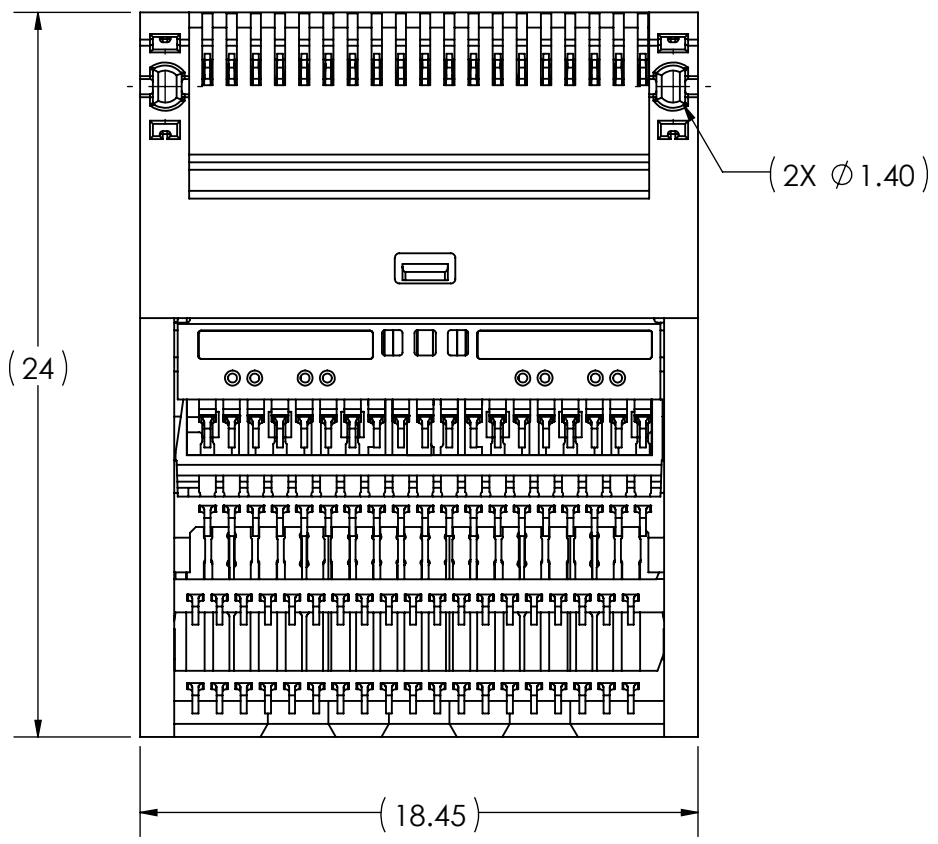
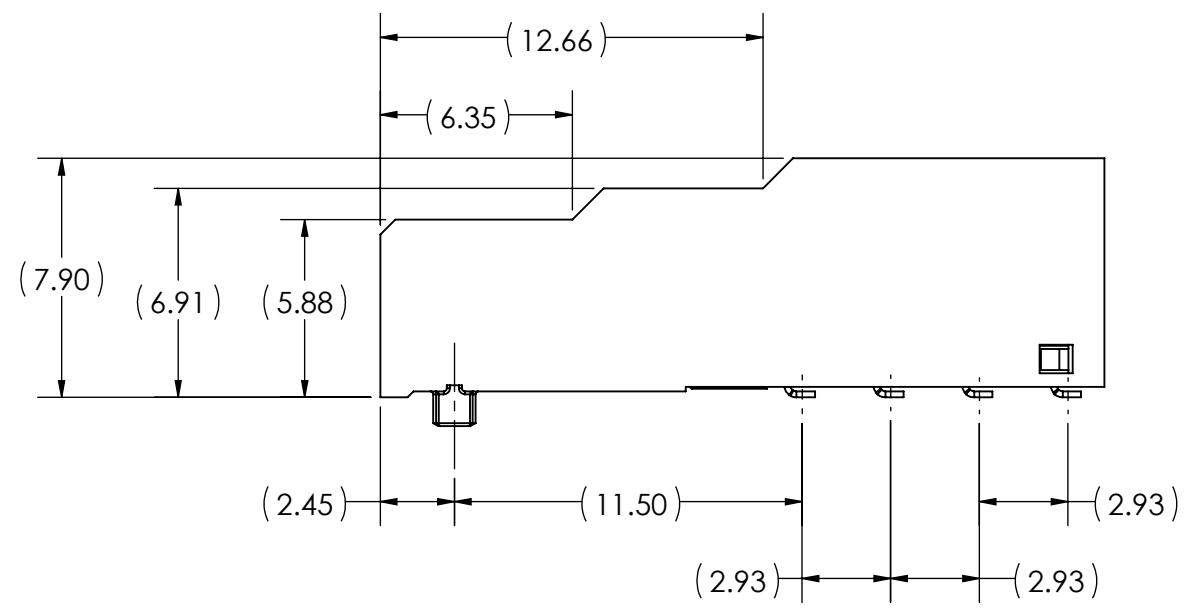
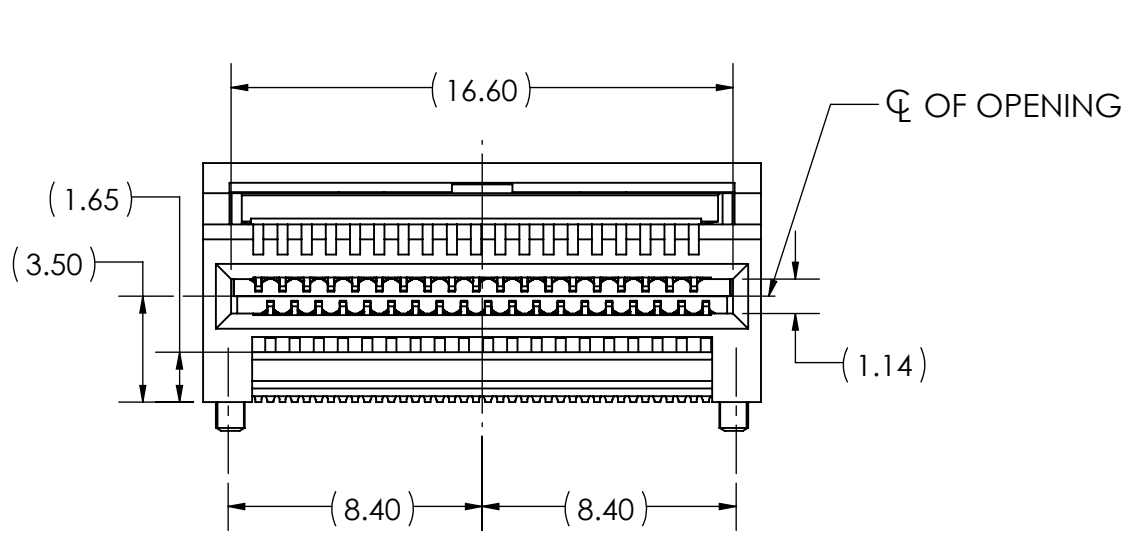
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
DECIMALS	ANGLES	DRAWN	KEN W.	01/10/2018	TITLE	
X.X ± 0.25	± 3°	DESIGNED	HCL-VK	01/10/2018	QSFP-DD 1X1 SMT CONNECTOR PLUG ASSEMBLY	
X.XX ± 0.13		CHECKED	KEN W.	01/10/2018	0.8mm PITCH, 76-PIN	
MATERIAL AND FINISH		QA APP'D	JOE P.	01/10/2018	SIZE	DWG. NO.
SEE NOTES		IE APP'D	ANDY C.	01/10/2018	A3	P-UE36-A10X0-X000T
REF.	-	DWG APP'D	ARKADY Z.	01/10/2018	SCALE	REV. F
CODE IDENT. NO.	-				5:1	PROJECT - SHEET 1 OF 4

8 7 6 5 4 3 2 1

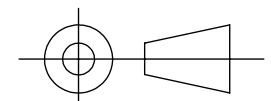
REVISIONS						
ZONE	REV.	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



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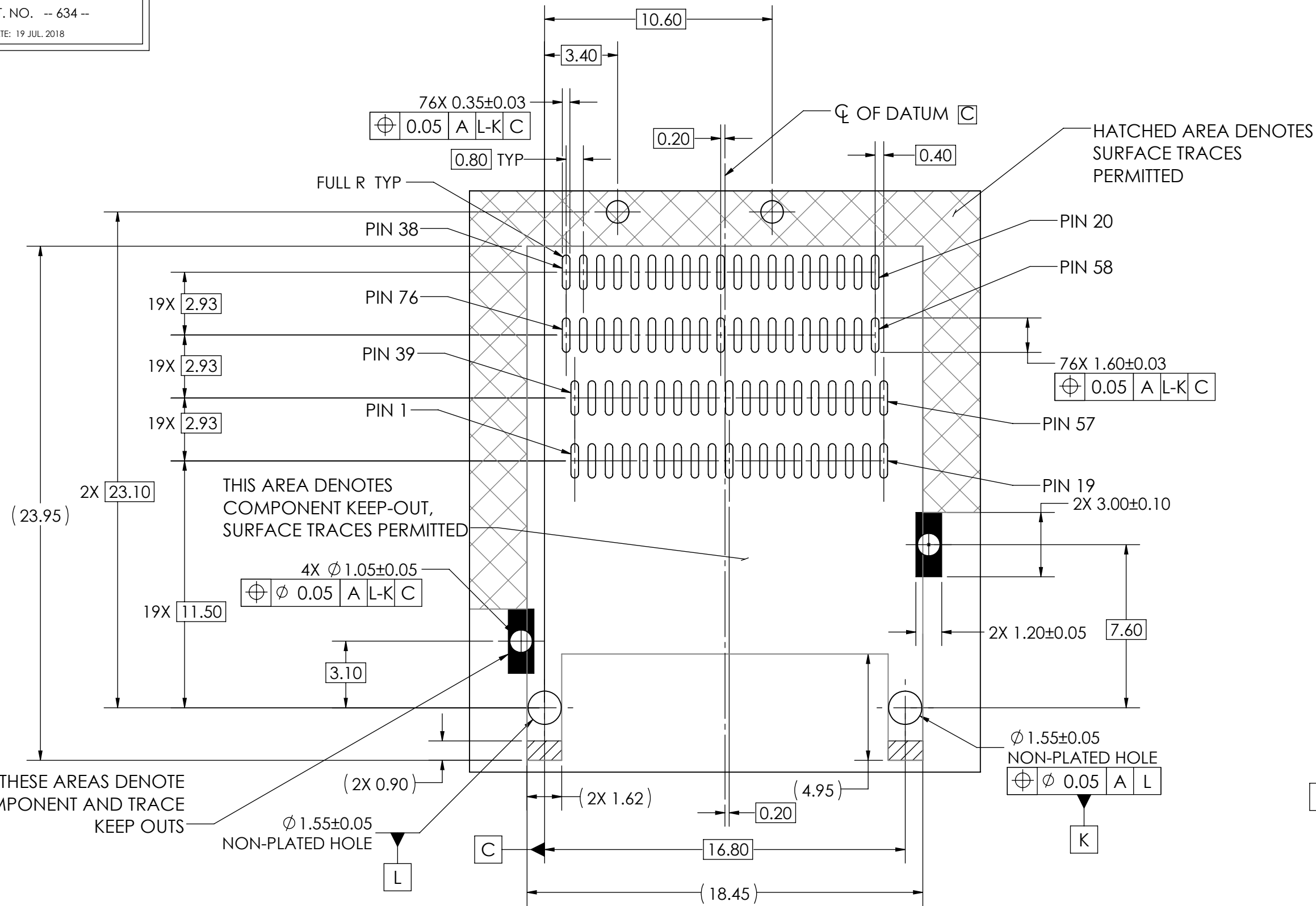


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.25 ± 3° X.XX ± 0.13	APPROVALS	DATE	Amphenol High Speed Interconnects <small>A Division of Amphenol Corp. www.amphenol-highspeed.com</small> TITLE QSFP-DD 1X1 SMT CONNECTOR PLUG ASSEMBLY 0.8mm PITCH, 76-PIN
	DRAWN KEN W.	01/10/2018	
	DESIGNED HCL-VK	01/10/2018	
	CHECKED KEN W.	01/10/2018	
MATERIAL AND FINISH	QA APPD JOE P.	01/10/2018	SIZE A3 DWG. NO. P-UE36-A10X0-X000T REV. F SCALE 5:1 PROJECT - SHEET 2 OF 4
REF. -	IE APPD ANDY C.	01/10/2018	
CODE IDENT. NO. -	DWG APPD ARKADY Z.	01/10/2018	
SEE NOTES			

8 7 6 5 4 3 2 1

REVISIONS						
ZONE	REV.	ECN	DESCRIPTION	BY	DATE	APPROVED
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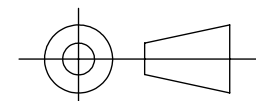
**RECOMMENDED PCB LAYOUT
SINGLE-SIDED MOUNTING**

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:			APPROVALS		DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com
DECIMALS	X.X±0.25	ANGLES	± 3°	DRAWN	KEN W.	
	X.XX±0.13			DESIGNED	HCL-VK	01/10/2018
MATERIAL AND FINISH			SEE NOTES	CHECKED	KEN W.	01/10/2018
REF.	-			QA APP'D	JOE P.	01/10/2018
CODE IDENT. NO.	-			IE APP'D	ANDY C.	01/10/2018
				DWG APP'D	ARKADY Z.	01/10/2018

TITLE	QSFP-DD 1X1 SMT CONNECTOR PLUG ASSEMBLY 0.8mm PITCH, 76-PIN		
SIZE	A3	DWG. NO.	P-UE36-A10X0-X000T
SCALE	5:1	PROJECT	-
REV.	F	SHEET	3 OF 4

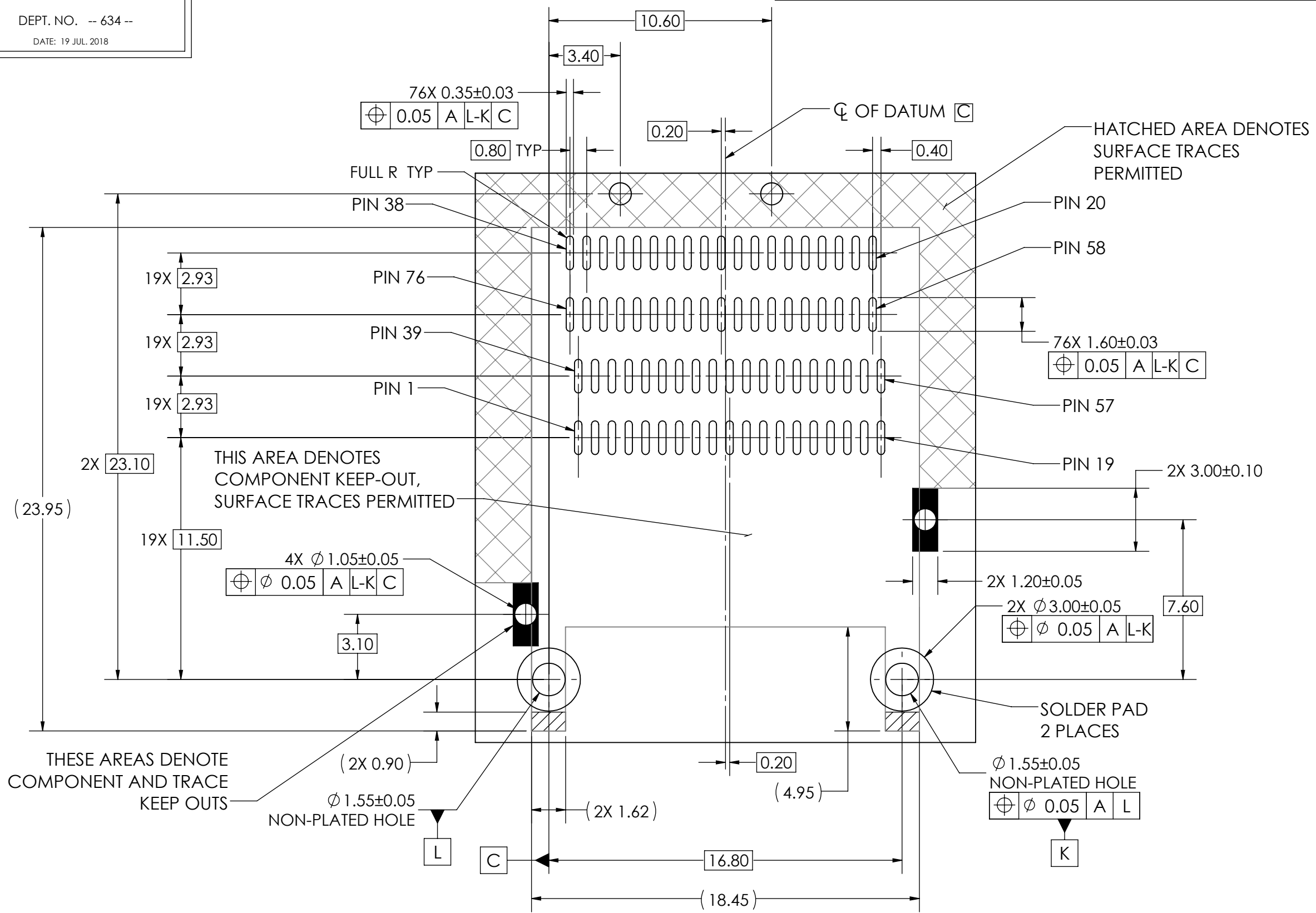
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SEE SHEET 1						



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

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DECIMALS	X.X \pm 0.25	ANGLES	DRAWN	KEN W.	01/10/2018	TITLE		
X.XX \pm 0.13	$\pm 3^\circ$		DESIGNED	HCL-VK	01/10/2018	QSFP-DD 1X1 SMT CONNECTOR PLUG ASSEMBLY		
MATERIAL AND FINISH	SEE NOTES		CHECKED	KEN W.	01/10/2018	0.8mm PITCH, 76-PIN		
REF.	-		QA APP'D	JOE P.	01/10/2018	SIZE	DWG. NO.	REV.
CODE IDENT. NO.	-		IE APP'D	ANDY C.	01/10/2018	A3	P-UE36-A10X0-X000T	F
			DWG APP'D	ARKADY Z.	01/10/2018	SCALE	PROJECT	SHEET
						5:1	-	4 OF 4

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