

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

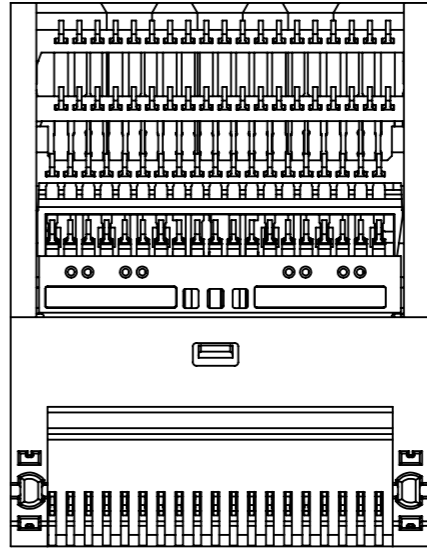
**AMPHENOL PART NUMBER CONFIGURATION**

UE36-A10X0-X000T

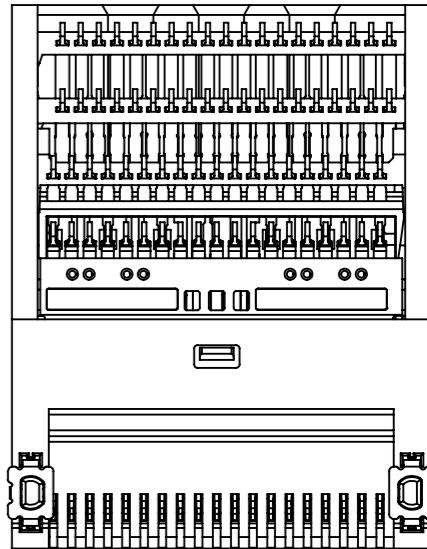
**TERMINATION OPTION**  
1 = STANDARD SINGLE SIDE  
7 = SOLDER RINGS

**PACKAGING**  
T = TAPE AND REEL

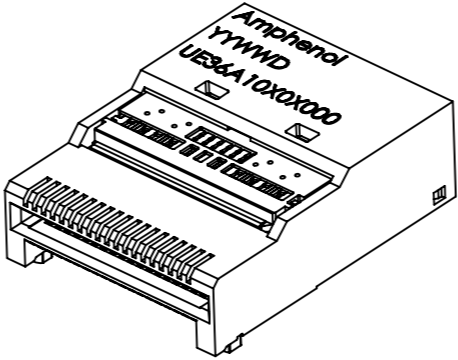
**PLATING OPTION**  
2 = 0.76µm GOLD OVER PALLADIUM-NICKEL  
AT MATING AREA  
2.54µm-6.35µm MATTE TIN TERMINATION  
3 = 0.76µm GOLD AT MATING AREA  
2.54µm-6.35µm MATTE TIN TERMINATION  
6 = 0.38µm GOLD AT MATING AREA  
2.54µm-6.35µm MATTE TIN TERMINATION



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



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



ISOMETRIC VIEW  
SCALE 2:1

**NOTES:**

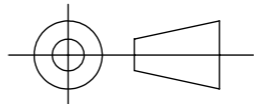
- MATERIAL:** SOLDER PROCESS REFLOW COMPATIBLE LCP, UL 94 V-0  
**CONTACTS:** COPPER ALLOY. SEE PART NUMBER TREE FOR PLATING DETAILS
- RoHS COMPLIANT.
- PERFORMANCE:** 0.50A MAX. SIGNAL CONTACTS  
1.0A MAX. POWER CONTACTS  
**MECHANICAL:** 100 MATING CYCLES MIN.
- COMPLIES WITH QSFP-DD MSA.



**DATA CONTROL RELEASED**  
DEPT. NO. -- 634 --  
DATE: 19 JUL 2018

DO NOT SCALE DRAWING

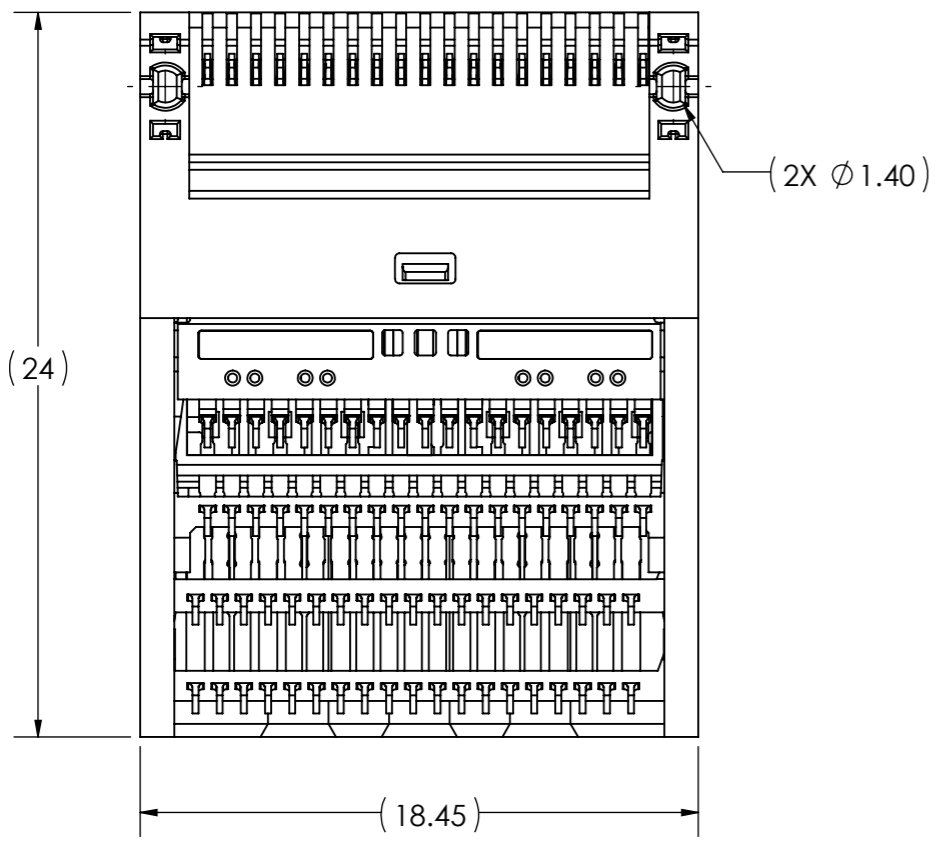
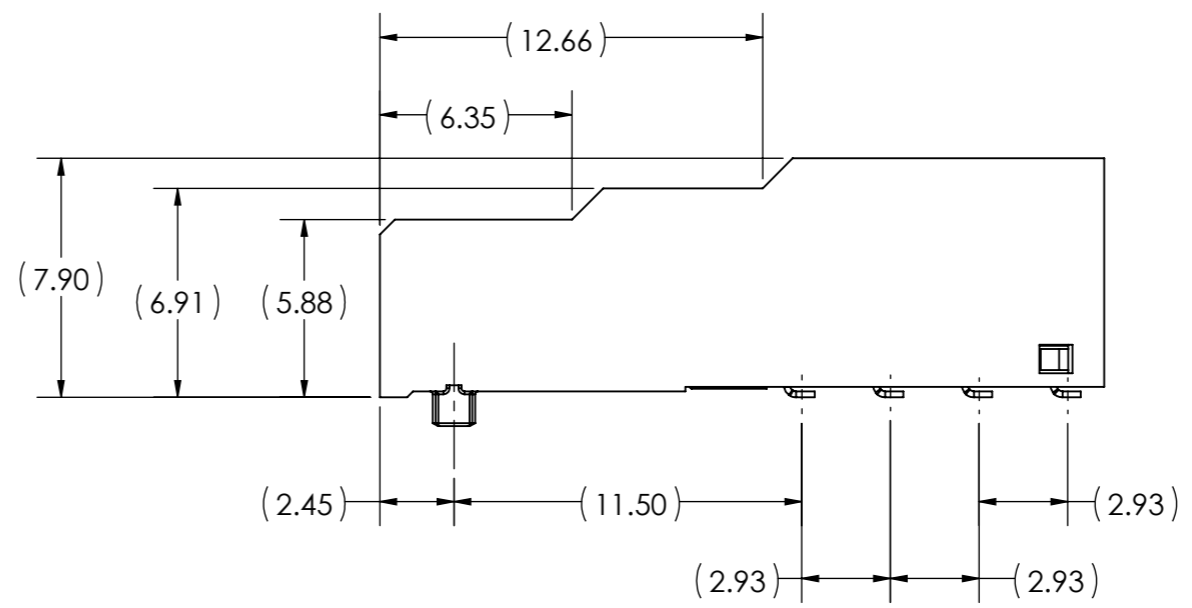
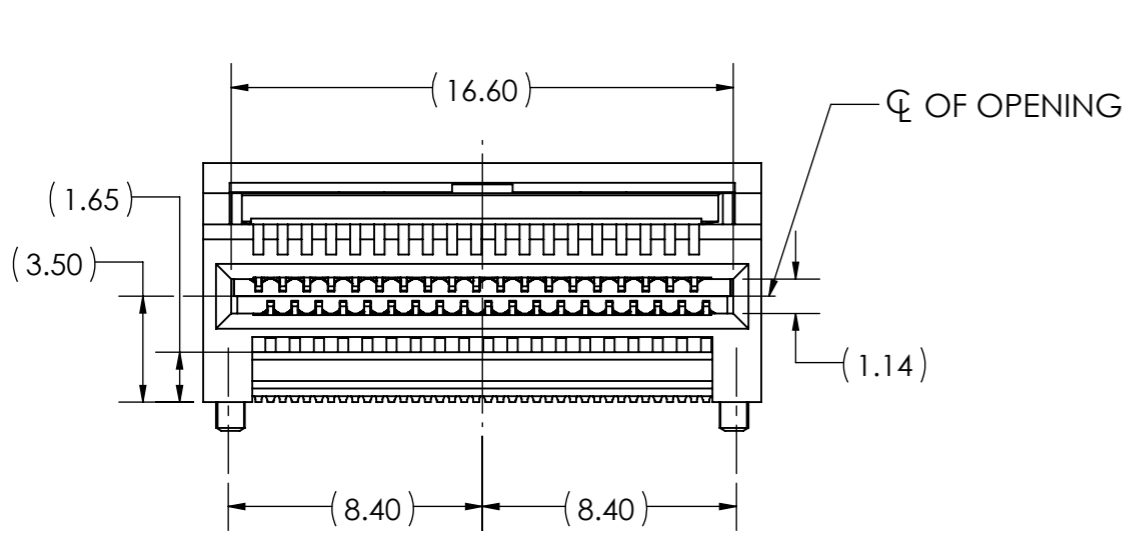
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com		
DECIMALS	ANGLES	DRAWN	KEN W.	01/10/2018	TITLE		
X.X ± 0.25	± 3°	DESIGNED	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.	REV.
SEE NOTES		IE APP'D	ANDY C.	01/10/2018	A3	P-UE36-A10X0-X000T	F
REF.	-	DWG APP'D	ARKADY Z.	01/10/2018	SCALE	PROJECT	SHEET
CODE IDENT. NO.	-				5:1	-	1 OF 4

8 7 6 5 4 3 2 1

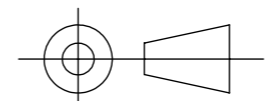
REVISIONS						
ZONE	REV.	ECN	DESCRIPTION	BY	DATE	APPROVED
			SEE SHEET 1			



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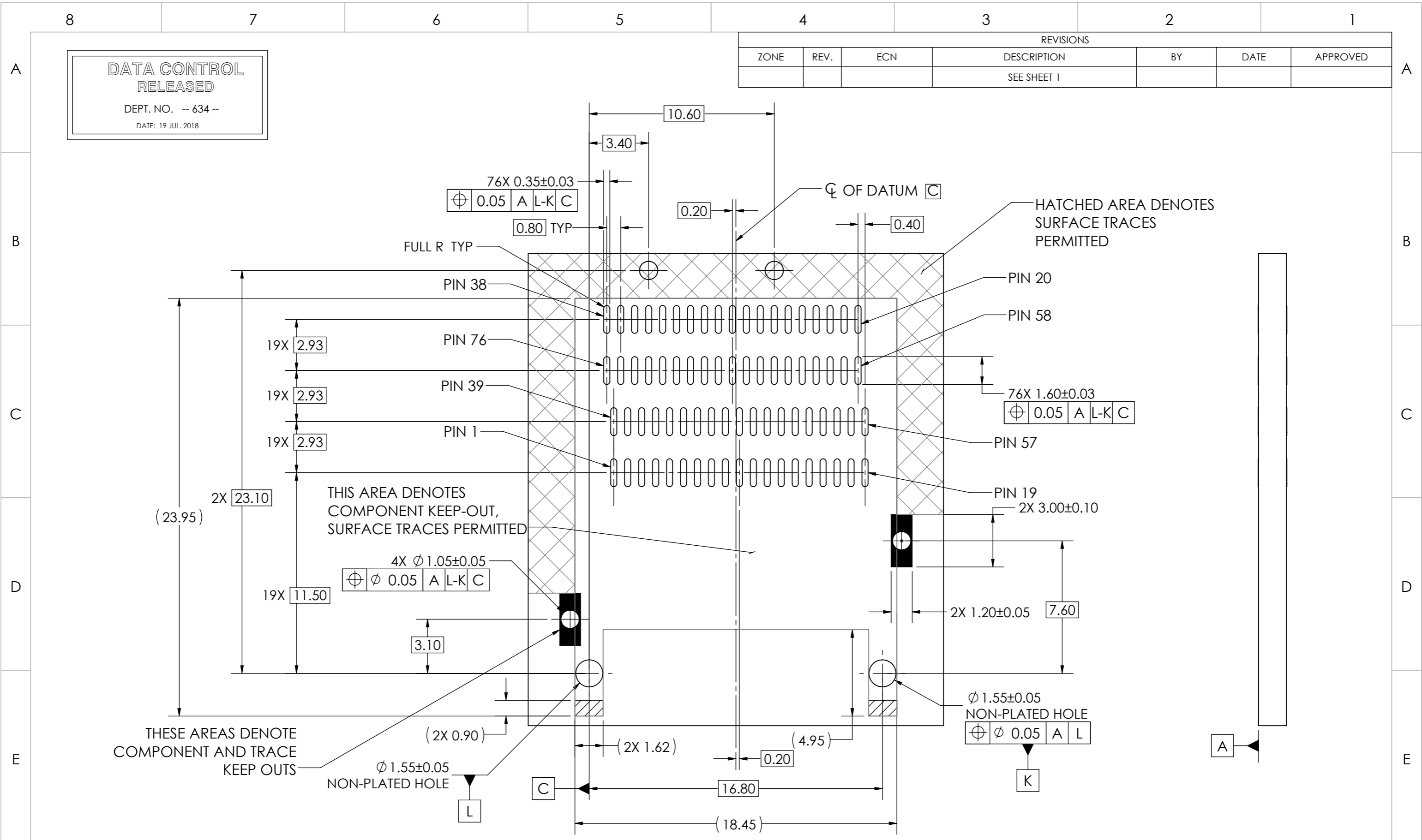


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS            ANGLES X.X ± 0.25            ± 3° X.XX ± 0.13	APPROVALS	DATE	<b>Amphenol High Speed Interconnects</b> <small>A Division of Amphenol Corp. www.amphenol-highspeed.com</small> TITLE <b>QSFP-DD 1X1 SMT CONNECTOR PLUG ASSEMBLY</b> 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 APP'D JOE P.	01/10/2018	SIZE <b>A3</b> DWG. NO. P-UE36-A10X0-X000T REV. F SCALE 5:1 PROJECT - SHEET 2 OF 4
SEE NOTES	IE APP'D ANDY C.	01/10/2018	
REF. -	DWG APP'D ARKADY Z.	01/10/2018	
CODE IDENT. NO. -			

8 7 6 5 4

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

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**RECOMMENDED PCB LAYOUT  
SINGLE-SIDED MOUNTING**

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS X.X±0.25 X.XX±0.13 MATERIAL AND FINISH SEE NOTES REF. - CODE IDENT. NO. -	APPROVALS	DATE	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. F SCALE 5:1 PROJECT SHEET 3 OF 4
	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	
	DWG APP'D ARKADY Z.	01/10/2018	

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