

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

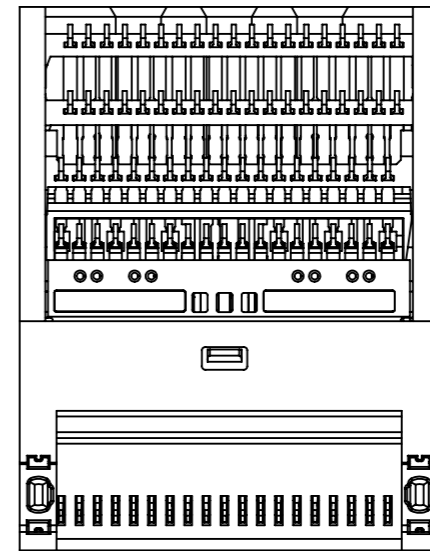
AMPHENOL PART NUMBER CONFIGURATION

UE36-A10X0-X000T

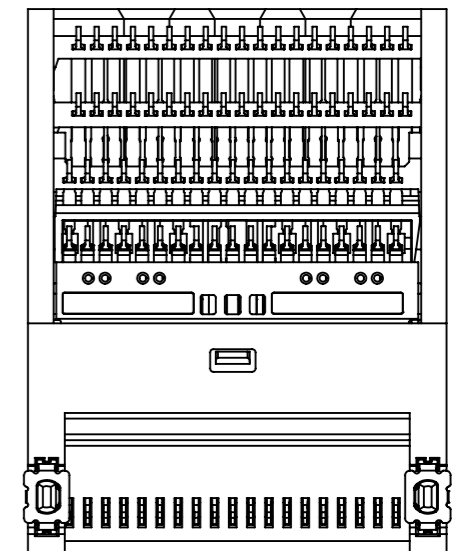
TERMINATION OPTION
1 = STANDARD SINGLE SIDE
7 = SOLDER RINGS

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



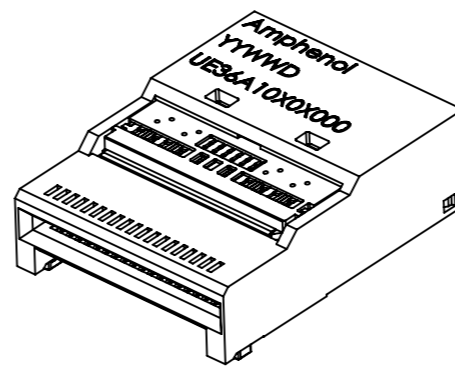
UE36-A1010-X000T
(STANDARD SINGLE-SIDE
MOUNTING)



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

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.
- SOLDER LEAD COPLANARITY IS INSPECTED WITH RESPECT TO A BEST-FIT PLANE ESTABLISHED BY ALL 76 LEADS.



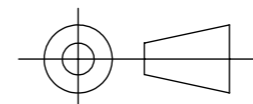
ISOMETRIC VIEW
SCALE 2:1



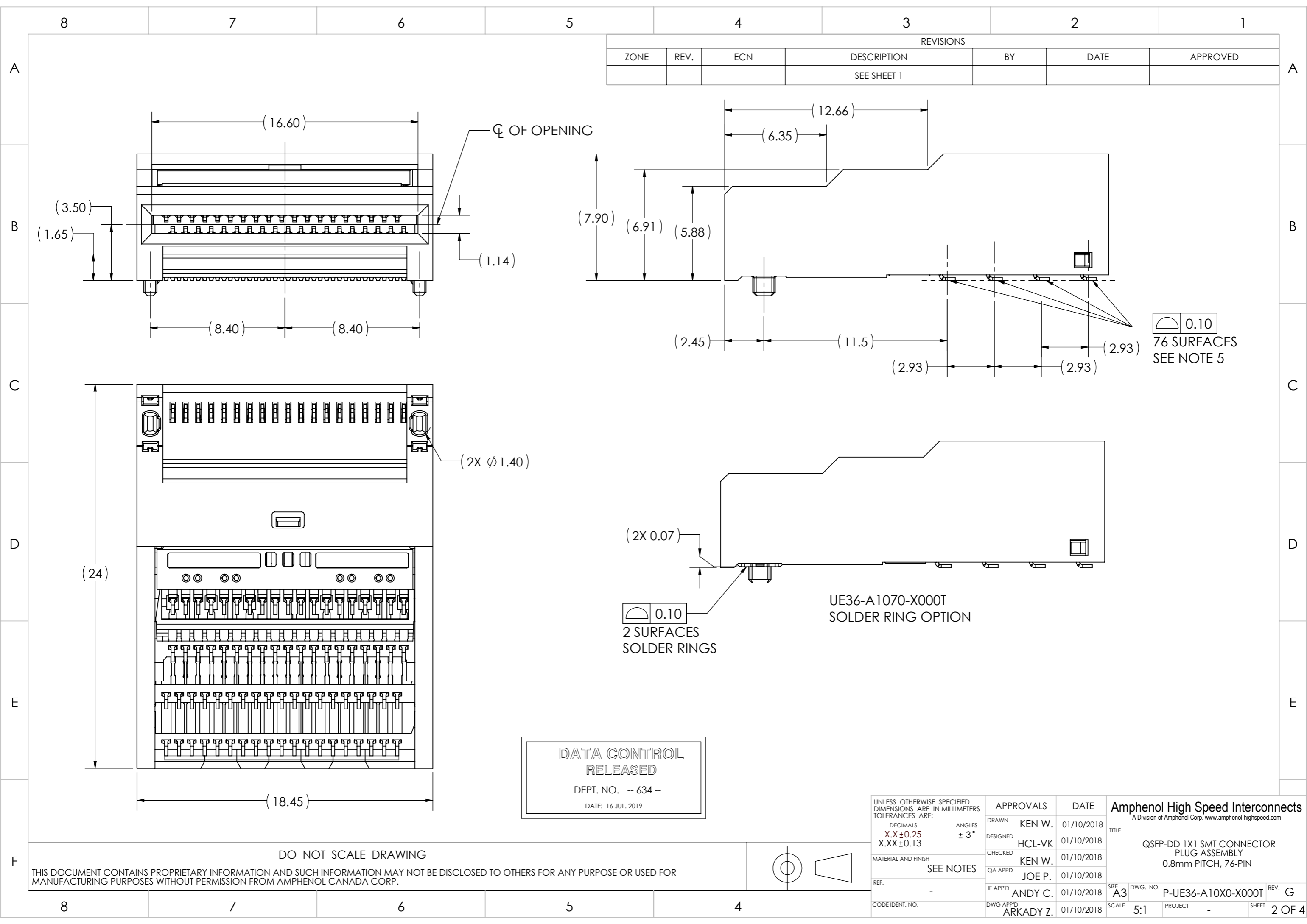
DATA CONTROL
RELEASED
DEPT. NO. -- 634 --
DATE: 16 JUL. 2019

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.
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. G
CODE IDENT. NO.	-				5:1	PROJECT - SHEET 1 OF 4



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

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		IE APP'D	ANDY C.	01/10/2018	A3	P-UE36-A10X0-X000T
REF.	-	DWG APP'D	ARKADY Z.	01/10/2018	SCALE	5:1
CODE IDENT. NO.	-				PROJECT	-
					SHEET	2 OF 4
					REV.	G

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