

8

7

6

5

4

3

2

1

A

B

C

D

E

F

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

ISOMETRIC VIEW

SCALE 2:1

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  
1.0A 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.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETERS  
TOLERANCES ARE:

DECIMALS  
X.X ±0.25  
X.XX ±0.13

ANGLES  
± 3°

APPROVALS

DATE

Amphenol High Speed Interconnects  
A Division of Amphenol Corp. www.amphenol-highspeed.com

DRAWN  
DESIGNED  
CHECKED  
QA APP'D  
IE APP'D  
DWG APP'D

KEN W.  
HCL-VK  
KEN W.  
JOE P.  
ANDY C.  
ARKADY Z.

01/10/2018  
01/10/2018  
01/10/2018  
01/10/2018  
01/10/2018  
01/10/2018

TITLE

SIZE  
SCALE

DWG. NO.  
PROJECT

REV.  
SHEET

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

A3  
5:1

P-UE36-A10X0-X000T

G  
1 OF 4

DO NOT SCALE DRAWING

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