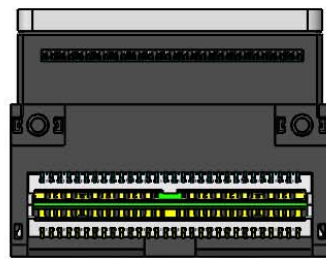
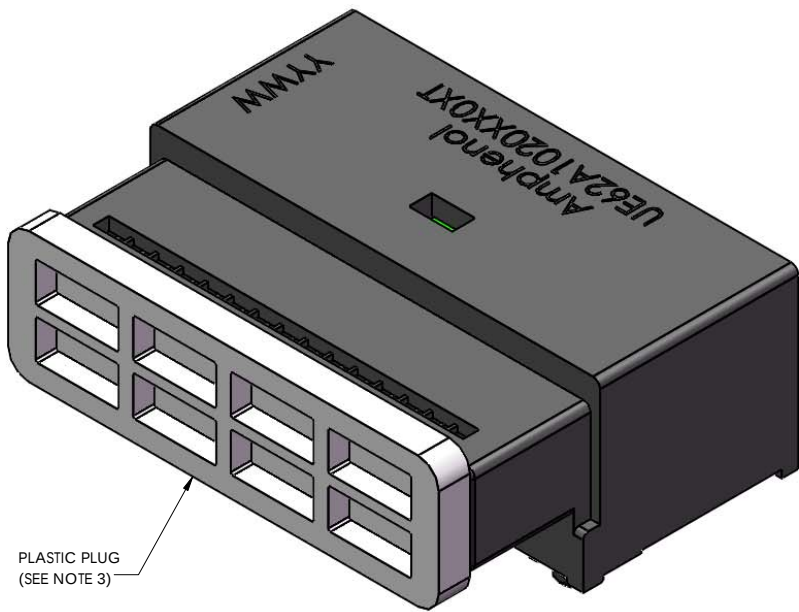
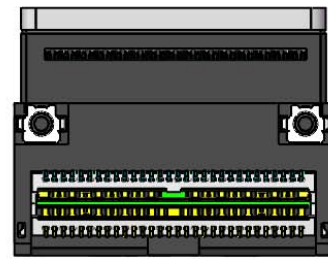


REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOASL	DEC.25.18	J.SI
B		UPDATED SOLDER TAIL DIMESIONS	MAY.15.20	J.SI
C		ADD REVERSED PACKING OPTION	JUN.12.20	J.SI
D		UPDATED DRAWING	OCT.14.20	J.SI
E		ADD PLUG AS COVER	MAR.01.21	J.SI



UE62-A1020-X000X
(WITHOUT SOLDER RING
FOR SINGLE SIDE MOUNTING)



UE62-A1020-X100X
(WITH SOLDER RING FOR
BELLY TO BELLY MOUNTING)

AMPHENOL PART NUMBER CONFIGURATION

UE62-A1020-XX00X

PACKAGING

T = T&R PACKAGING
(STANDARD CONNECTOR ORIENTATION)
R = T&R PACKAGING
(REVERSED CONNECTOR ORIENTATION)

SOLDER RING CONFIGURATION

0 = WITHOUT SOLDER RING
1 = WITH SOLDER RING

PLATING OPTION

2 = 0.76um GOLD AT MATING AREA
GOLD FLASH IN TERMINATION
3 = 0.76um GOLD AT MATING AREA
2.54-7.62um MATTE TIN IN TERMINATION
5 = 0.38um GOLD AT MATING AREA
GOLD FLASH IN TERMINATION
6 = 0.38um GOLD AT MATING AREA
2.54-7.62um MATTE TIN IN TERMINATION

DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE
OR USED FOR MANUFACTURING PUPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.



NOTES:

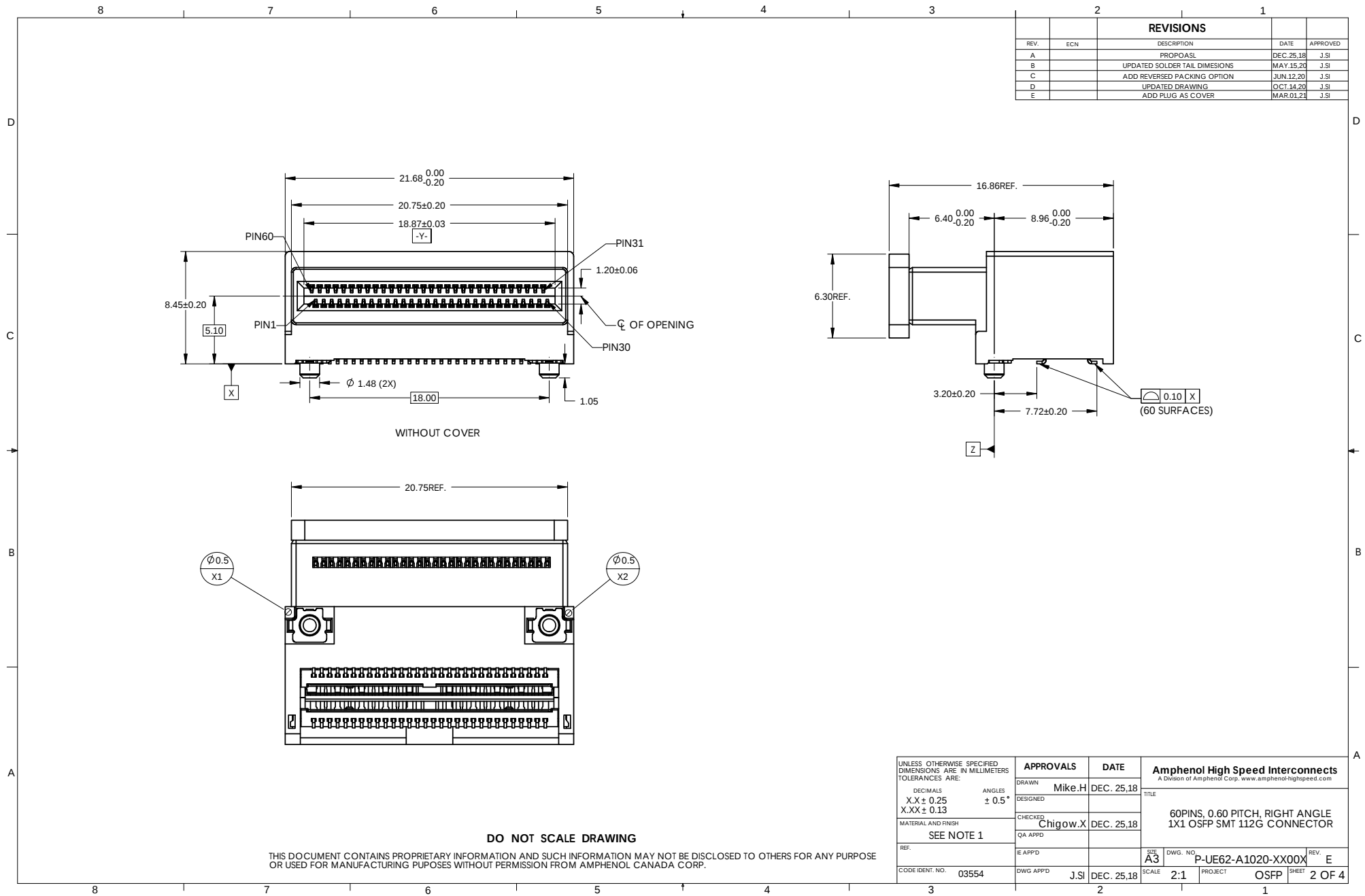
1) MATERIAL:

HOUSING: SOLDER REFLOW PROCESS COMPATIBLE LCP, UL 94 V-0
CONTACTS: COPPER ALLOY. PLATING: SEE PART NUMBER CONFIGURATION.
SOLDER RINGS: COPPER ALLOY. PLATING: MATTE TIN PLATED.

2) ROHS COMPLIANT

3) CUSTOMER NEED REMOVE THE PLASTIC PLUG AFTER SMT PROCESS AND BEFORE PRESS THE CAGE ON PCB.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.25 ± 0.5° X.XX ± 0.13 MATERIAL AND FINISH SEE NOTE 1 REF. CODE IDENT. NO. 03554		APPROVALS		DATE		Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com					
		DRAWN Mike.H		DEC. 25,18		TITLE 60PINS, 0.60 PITCH, RIGHT ANGLE 1X1 OSFP SMT 112G CONNECTOR					
		DESIGNED									
		CHECKED Chigow.X		DEC. 25,18							
		QA APPD				SIZE A3		DWG. NO. P-UE62-A1020-XX00X		REV. E	
DWG APPD		J.SI		DEC. 25,18		SCALE 2:1		PROJECT OSFP		SHEET 1 OF 4	



REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOASL	DEC.25.18	J.SI
B		UPDATED SOLDER TAIL DIMENSIONS	MAY.15.20	J.SI
C		ADD REVERSED PACKING OPTION	JUN.12.20	J.SI
D		UPDATED DRAWING	OCT.14.20	J.SI
E		ADD PLUG AS COVER	MAR.01.21	J.SI

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.25 ± 0.5° X.XX ± 0.13		APPROVALS		DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-hispeed.com TITLE 60PINS, 0.60 PITCH, RIGHT ANGLE 1X1 OSFP SMT 112G CONNECTOR SIZE DWG. NO. REV. A3 P-UE62-A1020-XX00X E SCALE 2:1 PROJECT OSFP SHEET 2 OF 4
		DRAWN		Mike.H	
		DESIGNED			
		CHECKED		Chigow.X	
MATERIAL AND FINISH		QA APPD			
SEE NOTE 1		E APPD			
REF.		DWG APPD		J.SI	
CODE IDENT. NO. 03554		DEC. 25,18		2	

DO NOT SCALE DRAWING

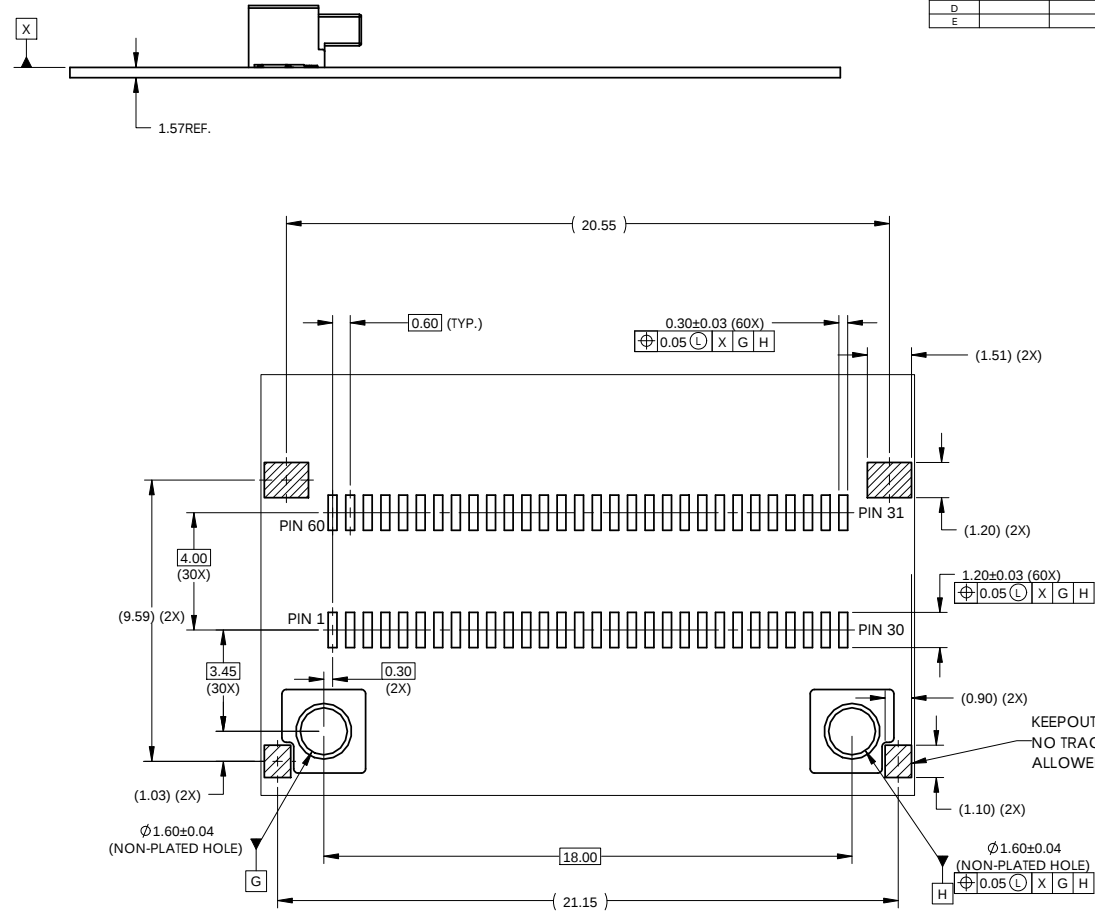
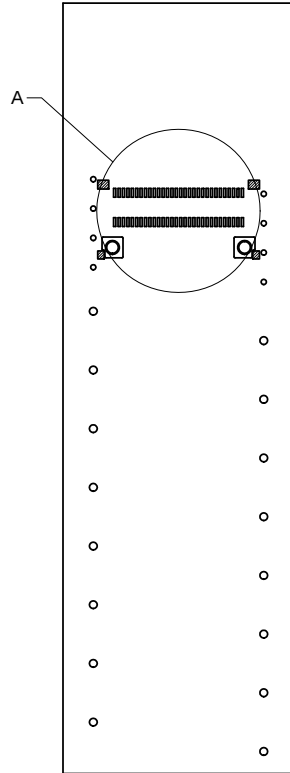
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PUPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

NOTES:

1. PIN ASSIGNMENT SEE PINOUT TABLE FOR DETAILS.
2. PIN 15, PIN16, PIN45 AND PIN46 ARE POWER PINS.
PIN15 AND PIN16 CONNECTED, PIN45 AND PIN46 CONNECTED.
3. PIN ASSIGNMENT SEE OSFP MSA FOR DETAIL.

REVISIONS

REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOASL	DEC.25.18	J.SI
B		UPDATED SOLDER TAIL DIMENSIONS	MAY.15.20	J.SI
C		ADD REVERSED PACKING OPTION	JUN.12.20	J.SI
D		UPDATED DRAWING	OCT.14.20	J.SI
E		ADD PLUG AS COVER	MAR.01.21	J.SI

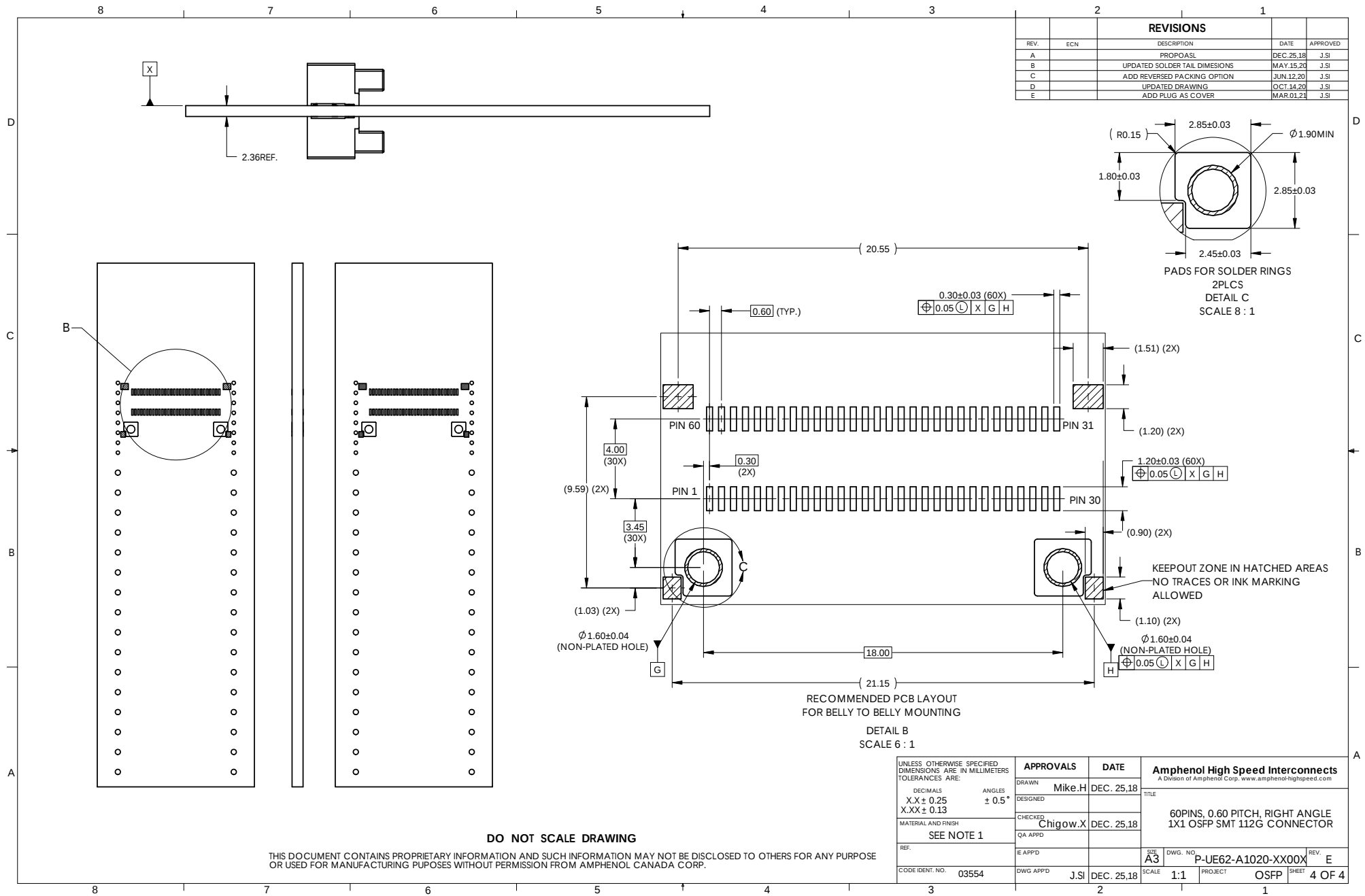


DETAIL A
SCALE 6 : 1
RECOMMENDED PCB LAYOUT
FOR SINGLE SIDE MOUNTING

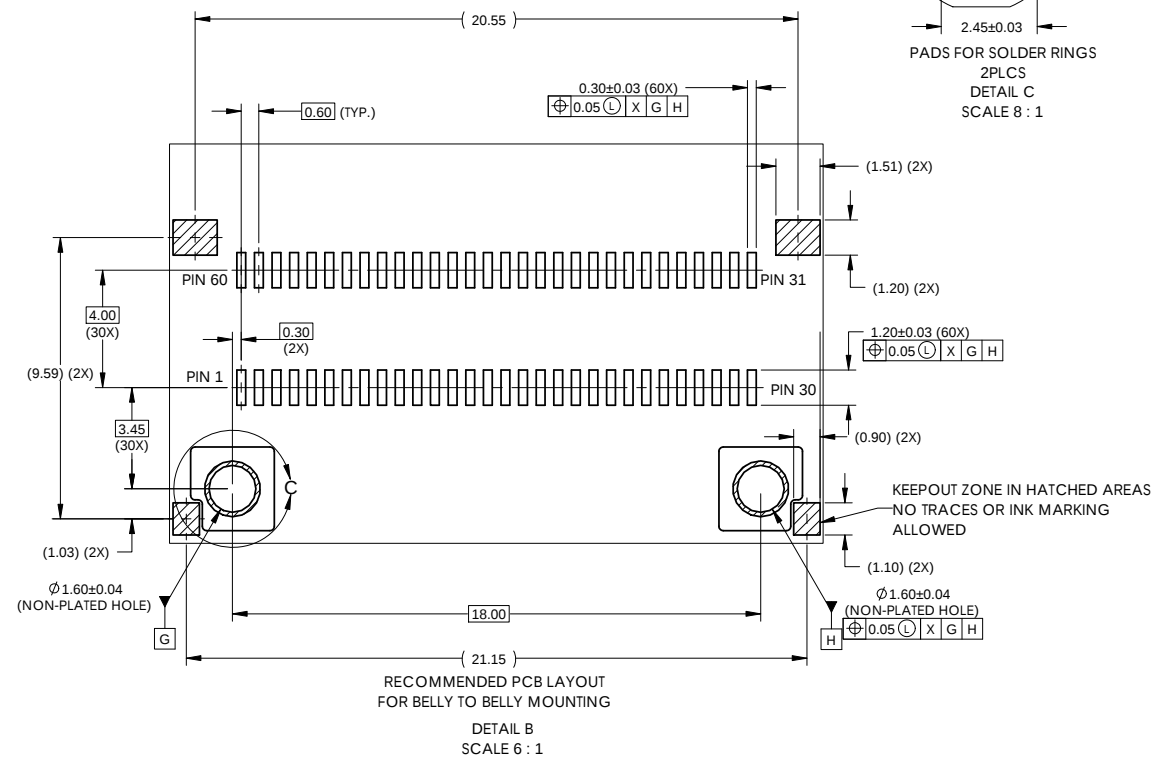
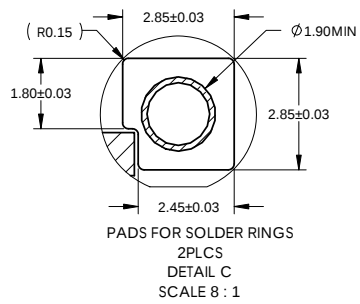
DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-hs.com	
DECIMALS	ANGLES	DRAWN	Mike.H	DEC. 25, 18	TITLE 60PINS, 0.60 PITCH, RIGHT ANGLE 1X1 OSFP SMT 112G CONNECTOR	
X.X ± 0.25	± 0.5°	DESIGNED				
X.XX ± 0.13		CHECKED	Chigow.X	DEC. 25, 18		
MATERIAL AND FINISH		QA APPD				
SEE NOTE 1		E APPD			SIZE A3	DWG. NO. P-UE62-A1020-XX00X
REF.		E APPD			SCALE 1:1	PROJECT OSFP
CODE IDENT. NO.	03554	DWG APPD	J.SI	DEC. 25, 18		SHEET 3 OF 4



REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOASL	DEC.25.18	J.SI
B		UPDATED SOLDER TAIL DIMESIONS	MAY.15.20	J.SI
C		ADD REVERSED PACKING OPTION	JUN.12.20	J.SI
D		UPDATED DRAWING	OCT.14.20	J.SI
E		ADD PLUG AS COVER	MAR.01.21	J.SI



DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PUPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

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 X.X ± 0.25 X.XX ± 0.13		DRAWN Mike.H		DEC. 25, 18	TITLE 60PINS, 0.60 PITCH, RIGHT ANGLE 1X1 OSFP SMT 112G CONNECTOR	
ANGLES ± 0.5°		DESIGNED				
MATERIAL AND FINISH		CHECKED Chigow.X		DEC. 25, 18		
SEE NOTE 1		QA APPD				
REF.		E APPD			SIZE A3	DWG. NO. P-UE62-A1020-XX00X
CODE IDENT. NO.	03554	DWG APPD	J.SI	DEC. 25, 18	SCALE 1:1	PROJECT OSFP
					SHEET 4 OF 4	REV. E