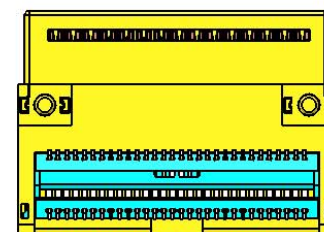
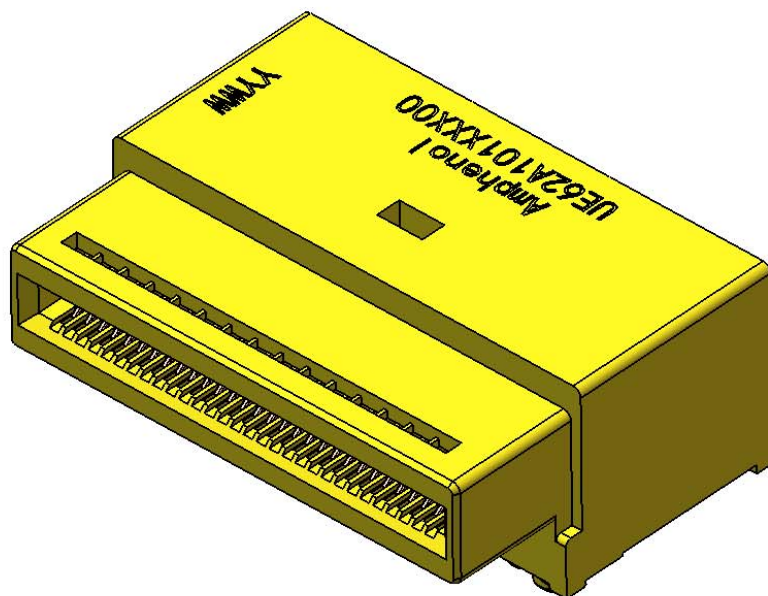


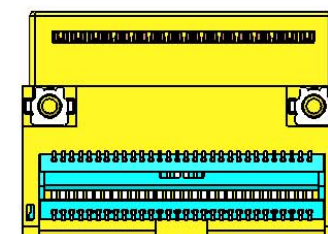
8 7 6 5 4 3 2 1

REVISIONS

REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOASL	AUG.08.17	J.SI



UE62-A1011-X000T
(WITHOUT SOLDER RING
FOR SINGLE SIDE MOUNTING)



UE62-A1011-X100T
(WITH SOLDER RING FOR
BELLY TO BELLY MOUNTING)

AMPHENOL PART NUMBER CONFIGURATION

UE62-A1011-XX00T

PACKAGING
T = T&R PACKAGING

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



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

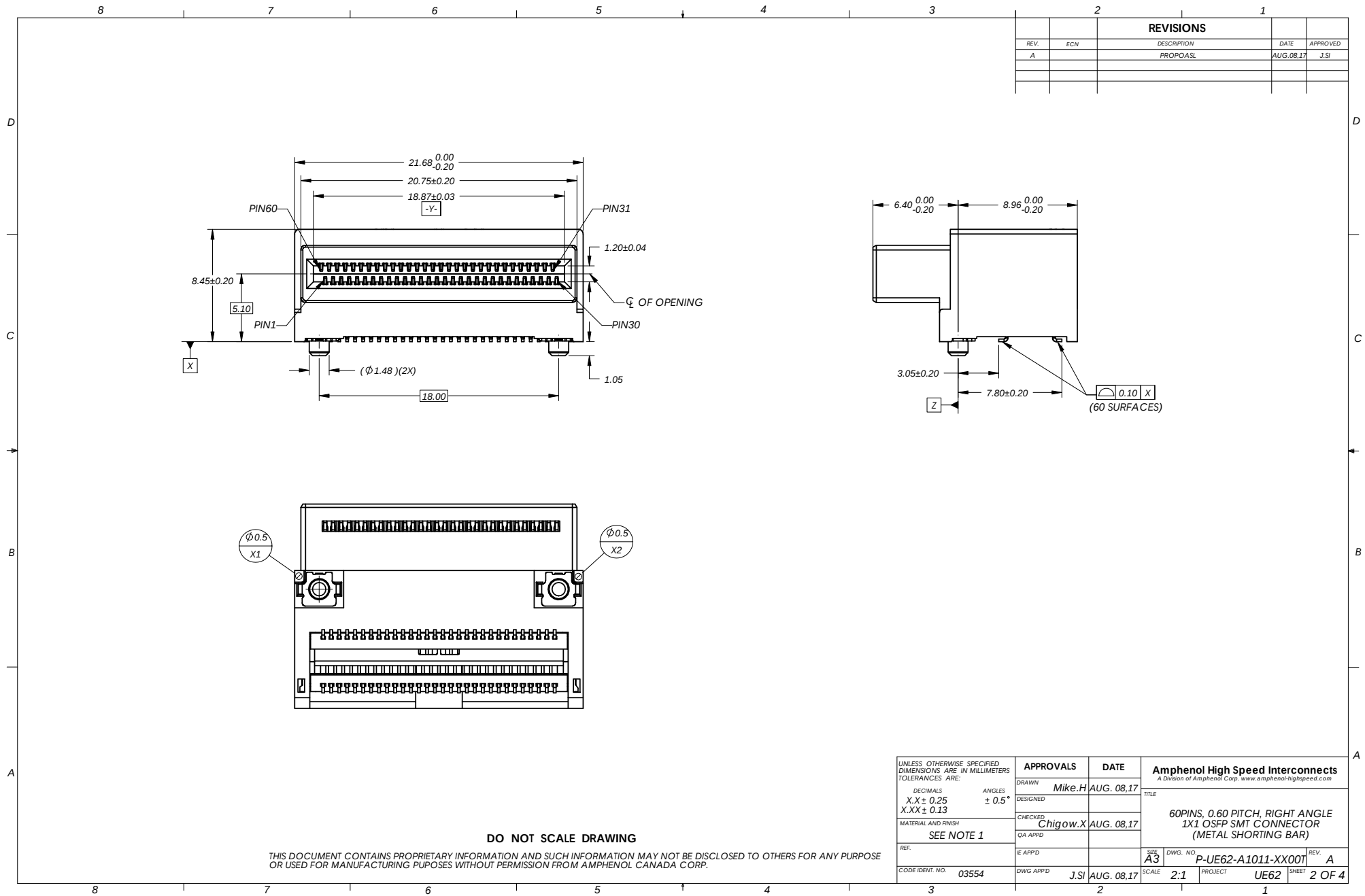
3) PERFORMANCE:
ELECTRICAL: 0.5 AMP MAX. PER CONTACT
MECHANICAL: 250 MATING CYCLES MIN.

4) COMPLIES WITH OSFP MSA REV1.0 .

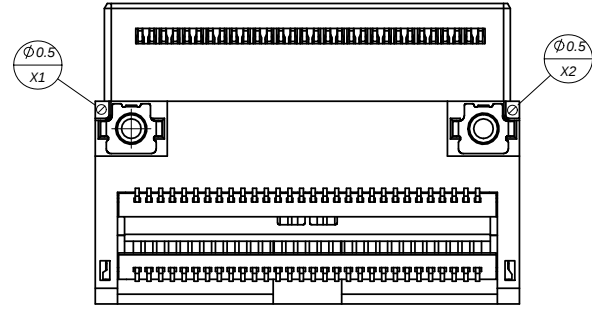
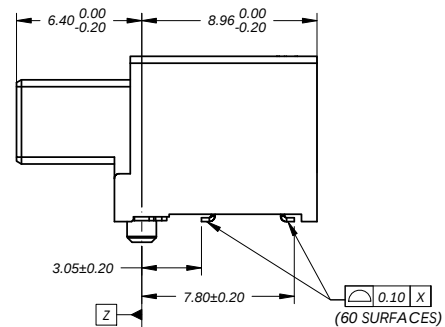
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-hightspeed.com					
DECIMALS X.X ± 0.25 X.XX ± 0.13		ANGLES ± 0.5°		DRAWN	Mike.H	AUG. 08.17	60PINS, 0.60 PITCH, RIGHT ANGLE 1X1 OSFP SMT CONNECTOR (METAL SHORTING BAR)				
				DESIGNED							
				CHECKED	Chigow.X	AUG. 08.17					
				QA APPD							
				E APPD							
MATERIAL AND FINISH SEE NOTE 1							SIZE SCALE	DWG. NO.	P-UE62-A1011-XX00T	REV.	A
REF.											
CODE IDENT. NO.		03554		DWG APPD		J.SI	AUG. 08.17	2:1	PROJECT	UE62	SHEET 1 OF 4

8 7 6 5 4 3 2 1

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REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOASL	AUG.08.17	J.SI



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		DRAWN <i>Mike.H</i>		AUG. 08.17		TITLE 60PINS, 0.60 PITCH, RIGHT ANGLE 1X1 OSFP SMT CONNECTOR (METAL SHORTING BAR)		
		DESIGNED						
		CHECKED <i>Chigow.X</i>		AUG. 08.17				
		QA APPD						
		E APPD				SIZE A3	DWG. NO. P-UE62-A1011-XX001	REV. A
		DWG APPD		<i>J.SI</i> AUG. 08.17		SCALE 2:1	PROJECT UE62	SHEET 2 OF 4
2				2		1		

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

2		1		
REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVE
A		PROPOSAL	AUG.08.17	J.SI

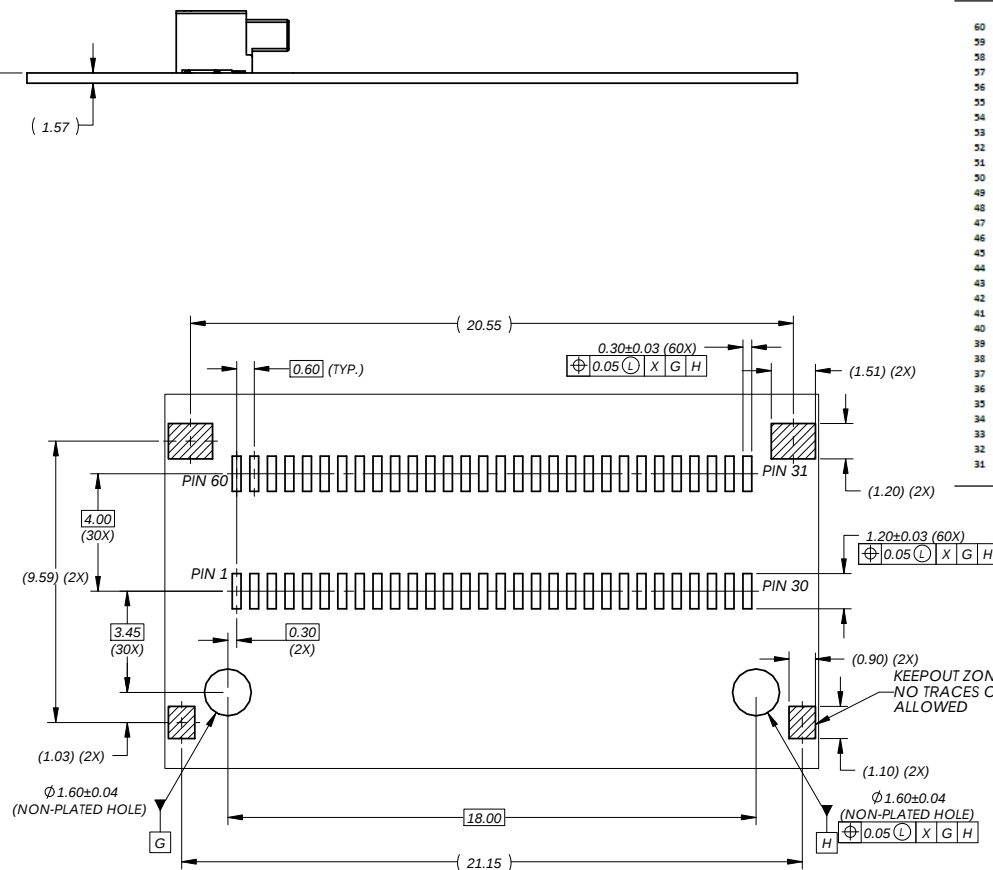
Top Side (viewed from top)

Pin	Signal	Color
60	GND	Green
59	TX1n	Pink
58	TX1n	Pink
57	GND	Green
56	TX3p	Pink
55	TX3n	Pink
54	GND	Green
53	TX5p	Pink
52	TX5n	Pink
51	GND	Green
50	TX7p	Pink
49	TX7n	Pink
48	GND	Green
47	SQL	Purple
46	VCC	Orange
45	VCC	Orange
44	INT_L/RESET_L	Purple
43	GND	Green
42	RX1p	Blue
41	RX1n	Blue
40	GND	Green
39	RX3p	Blue
38	RX3n	Blue
37	GND	Green
36	RX5p	Blue
35	RX5n	Blue
34	GND	Green
33	RX7p	Blue
32	RX7n	Blue
31	GND	Green

Bottom Side (viewed from bottom)

	GND	1
	TX2p	2
	TX2n	3
	GND	4
	TX4p	5
	TX4n	6
	GND	7
	TX8p	8
	TX8n	9
	GND	10
	TX8p	11
	TX8n	12
	GND	13
	SCL	14
	VCC	15
	VCC	16
	PRSENT_L	17
	GND	18
	RX2p	19
	RX2n	20
	GND	21
	RX4p	22
	RX4n	23
	GND	24
	RX8p	25
	RX8n	26
	GND	27
	RX8p	28
	RX8n	29
	GND	30

- Module Card Edge -----



DETAIL A
SCALE 6 : 1

RECOMMENDED PCB LAYOUT
FOR SINGLE SIDE MOUNTING

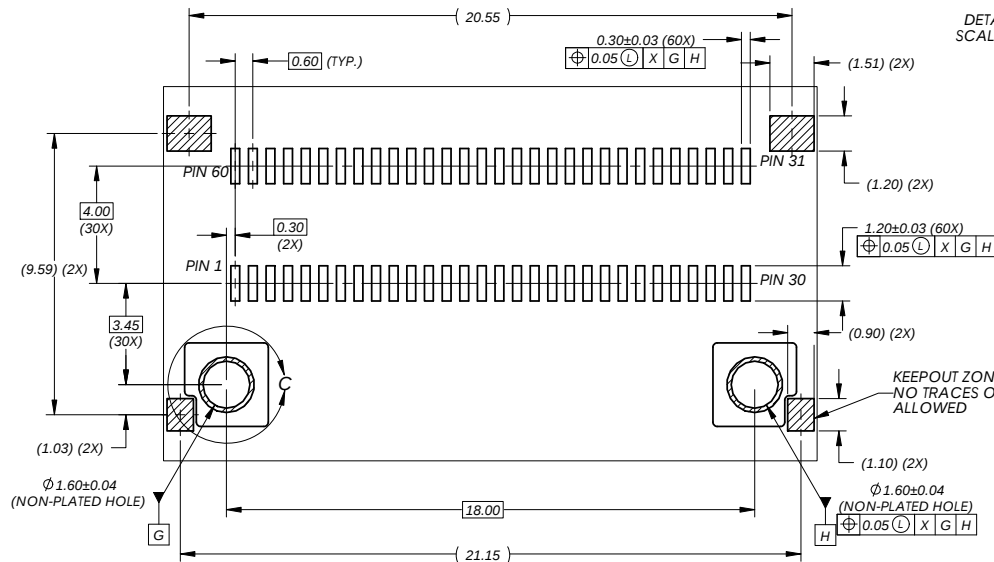
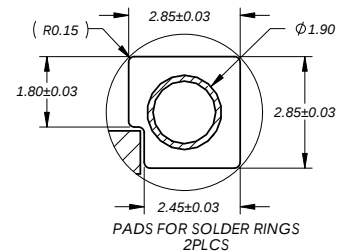
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DECIMALS		DRAWN		Mike.H		AUG. 08,17		TITLE	
ANGLES		DESIGNED							
$\pm 0.5^\circ$		CHECKED		Chigow.X		AUG. 08,17			
MATERIAL AND FINISH		QA APPD						60PINS, 0.60 PITCH, RIGHT ANGLE 1X1 OSPF SMT CONNECTOR (METAL SHORTING BAR)	
SEE NOTE 1		REF:		IE APPD				SIZE A3	
CODE IDENT. NO.		03554		DWG APPD		J.SI		AUG. 08,17	
						SCALE		1:1	
						DWG. NO.		P-UE62-A1011-XX007	
						PROJECT		UE62	
						SHEET		3 OF	

Technical drawing of a circular component, likely a solder ring pad, showing dimensions and features:

- Top horizontal dimension: 2.85 ± 0.03
- Right vertical dimension: 2.85 ± 0.03
- Bottom horizontal dimension: 2.45 ± 0.03
- Left vertical dimension: 1.80 ± 0.03
- Top-left corner radius: $(R0.15)$
- Central hole diameter: $\phi 1.90 \text{ MIN}$
- Feature description: **PADS FOR SOLDER RINGS**
2PLCS
- Detail label: **DETAIL C**
SCALE 8:1



RECOMMENDED PCB LAYOUT
FOR BELLY TO BELLY MOUNTING

DETAIL B
SCALE 6 : 1

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DECIMALS ANGLES X.X ± 0.25 ± 0.5° X.XX ± 0.13		DRAWN Mike.H		AUG. 08, 17		TITLE 60PINS, 0.60 PITCH, RIGHT ANGLE 1X1 OSPF SMT CONNECTOR (METAL SHORTING BAR)			
MATERIAL AND FINISH SEE NOTE 1		DESIGNED							
		CHECKED Chigow.X		AUG. 08, 17					
		QA APPD							
REF.		E APPD				SIZE A3	DWG. NO. P-UE62-A1011-XX00T	REV. A	
CODE IDENT. NO. 03554		DWG APPD J.SJ		AUG. 08, 17		SCALE 1:1	PROJECT UE62	SHEET 4 OF 4	