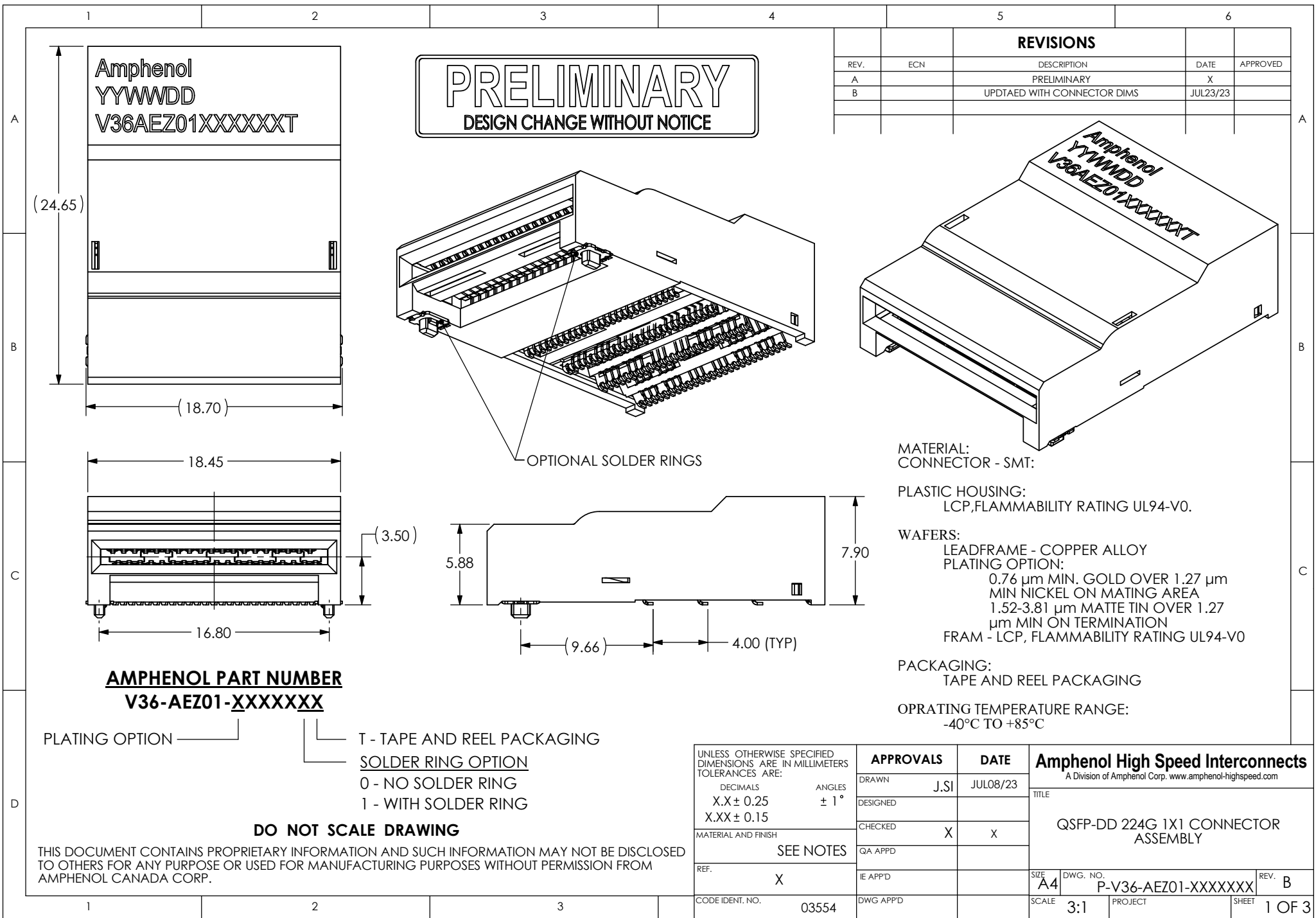
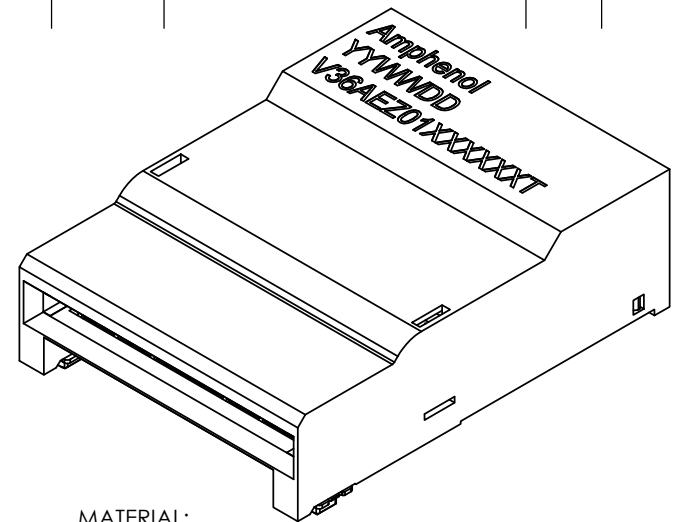




Amphenol
YYWWDD
V36AEZ01XXXXXXT

PRELIMINARY
DESIGN CHANGE WITHOUT NOTICE

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PRELIMINARY	X	
B		UPDTAED WITH CONNECTOR DIMS	JUL23/23	



MATERIAL:
CONNECTOR - SMT:

PLASTIC HOUSING:
LCP,FLAMMABILITY RATING UL94-V0.

WAFERS:
LEADFRAME - COPPER ALLOY
PLATING OPTION:
0.76 µm MIN. GOLD OVER 1.27 µm
MIN NICKEL ON MATING AREA
1.52-3.81 µm MATTE TIN OVER 1.27
µm MIN ON TERMINATION
FRAM - LCP, FLAMMABILITY RATING UL94-V0

PACKAGING:
TAPE AND REEL PACKAGING

OPRATING TEMPERATURE RANGE:
-40°C TO +85°C

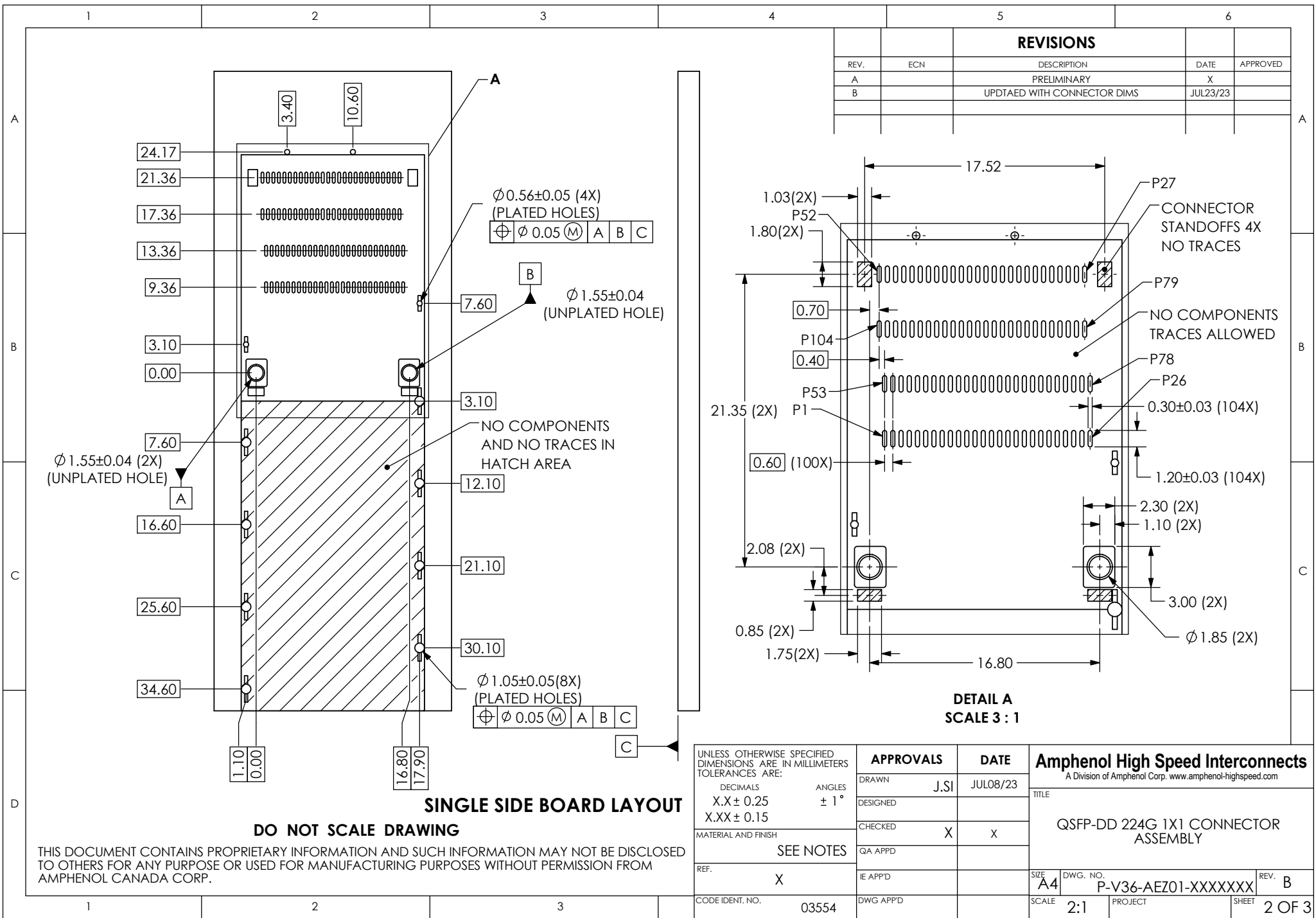
AMPHENOL PART NUMBER
V36-AEZ01-XXXXXX

PLATING OPTION ——— T - TAPE AND REEL PACKAGING
SOLDER RING OPTION
0 - NO SOLDER RING
1 - WITH SOLDER RING

DO NOT SCALE DRAWING

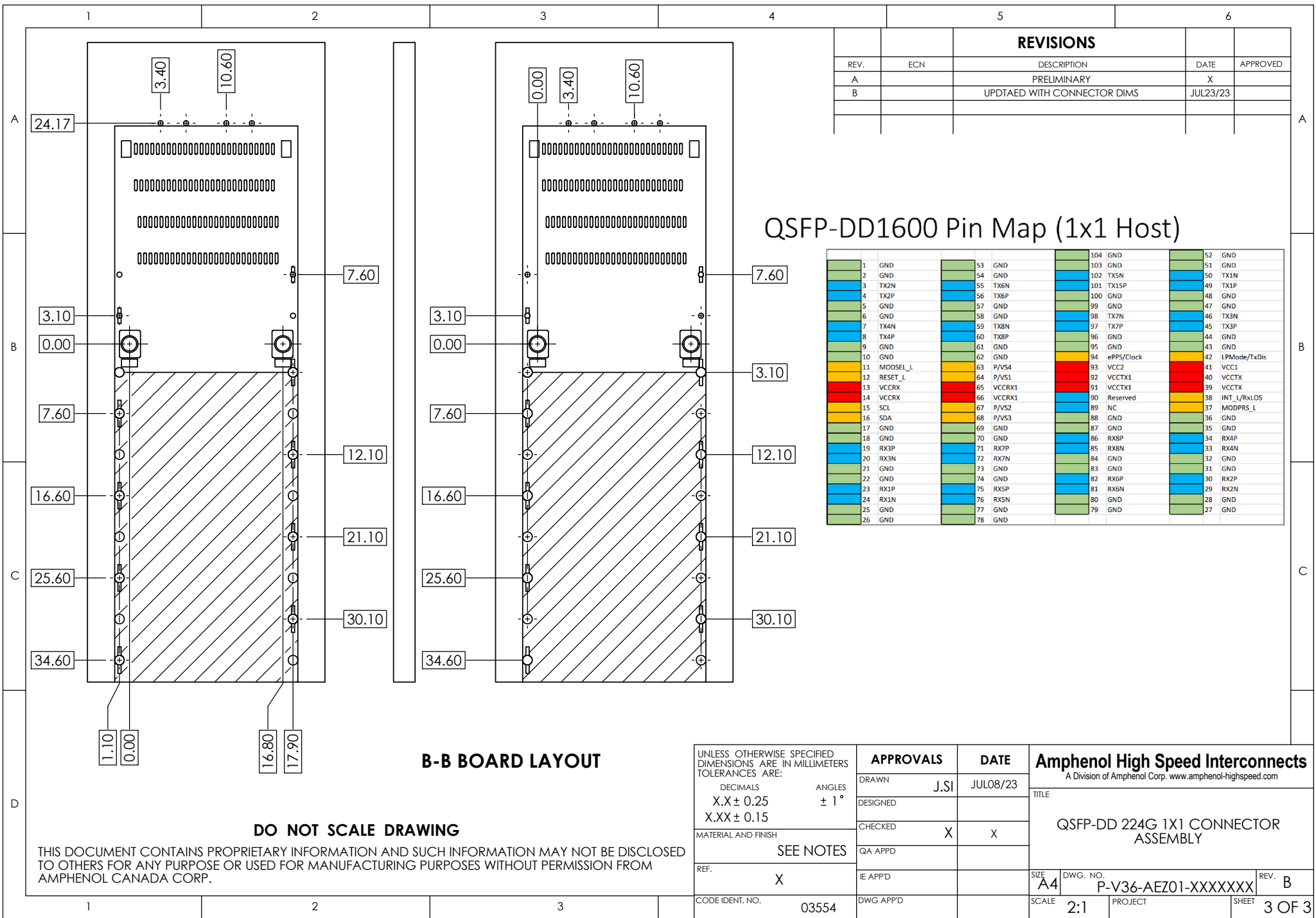
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.25 ± 1° X.XX ± 0.15		APPROVALS		DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
		DRAWN J.SI		JUL08/23		
		DESIGNED				
		CHECKED X		X		
MATERIAL AND FINISH		SEE NOTES		QA APPD	TITLE QSFP-DD 224G 1X1 CONNECTOR ASSEMBLY	
REF. X		IE APP'D				
CODE IDENT. NO. 03554		DWG APP'D				
					SIZE A4 DWG. NO. P-V36-AEZ01-XXXXXX REV. B	
					SCALE 3:1 PROJECT SHEET 1 OF 3	



REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
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		DESIGNED				
		CHECKED		X		
MATERIAL AND FINISH		QA APPD			TITLE QSFP-DD 224G 1X1 CONNECTOR ASSEMBLY	
SEE NOTES						
REF.		IE APP'D				
CODE IDENT. NO.		DWG APP'D			SIZE A4	
03554					DWG. NO. P-V36-AEZ01-XXXXXXX	
					SCALE 2:1	
					PROJECT	
					SHEET 2 OF 3	



REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PRELIMINARY	X	
B		UPDTAED WITH CONNECTOR DIMS	JUL23/23	

QSFP-DD1600 Pin Map (1x1 Host)

1	GND	53	GND	104	GND	52	GND
2	GND	54	GND	103	GND	51	GND
3	TX2N	55	TX6N	102	TX5N	50	TX1N
4	TX2P	56	TX6P	101	TX15P	49	TX1P
5	GND	57	GND	100	GND	48	GND
6	GND	58	GND	99	GND	47	GND
7	TX4N	59	TX8N	98	TX7N	46	TX3N
8	TX4P	60	TX8P	97	TX7P	45	TX3P
9	GND	61	GND	96	GND	44	GND
10	GND	62	GND	95	GND	43	GND
11	MODELSEL_L	63	P/VS4	94	ePPS/Clock	42	LPMODE/TxDis
12	RESET_L	64	P/VS1	93	VCC2	41	VCC1
13	VCCRX	65	VCCRX1	92	VCCTX1	40	VCCTX
14	VCCRX	66	VCCRX1	91	VCCTX1	39	VCCTX
15	SCL	67	P/VS2	90	Reserved	38	INT_L/RxLOS
16	SDA	68	P/VS3	89	NC	37	MODPRS_L
17	GND	69	GND	88	GND	36	GND
18	GND	70	GND	87	GND	35	GND
19	RX3P	71	RX7P	86	RX8P	34	RX4P
20	RX3N	72	RX7N	85	RX8N	33	RX4N
21	GND	73	GND	84	GND	32	GND
22	GND	74	GND	83	GND	31	GND
23	RX1P	75	RX5P	82	RX6P	30	RX2P
24	RX1N	76	RX5N	81	RX6N	29	RX2N
25	GND	77	GND	80	GND	28	GND
26	GND	78	GND	79	GND	27	GND

B-B BOARD LAYOUT

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		DESIGNED			TITLE QSFP-DD 224G 1X1 CONNECTOR ASSEMBLY		
		CHECKED	X	X			
MATERIAL AND FINISH		SEE NOTES		QA APPD			
REF.	X	IE APP'D			SIZE A4	DWG. NO. P-V36-AEZ01-XXXXXXX	REV. B
CODE IDENT. NO.		03554		DWG APP'D	SCALE 2:1	PROJECT	SHEET 3 OF 3