

This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant.



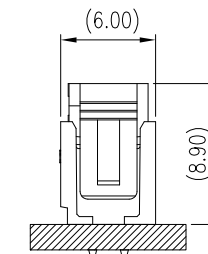
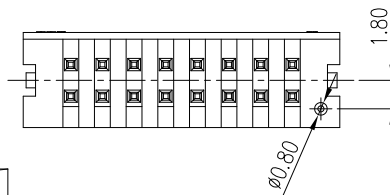
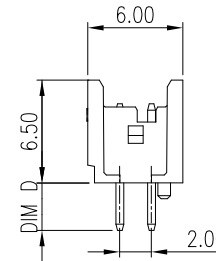
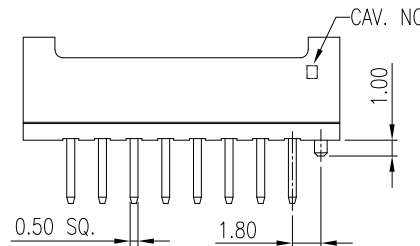
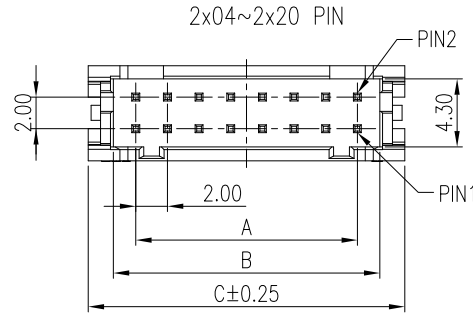
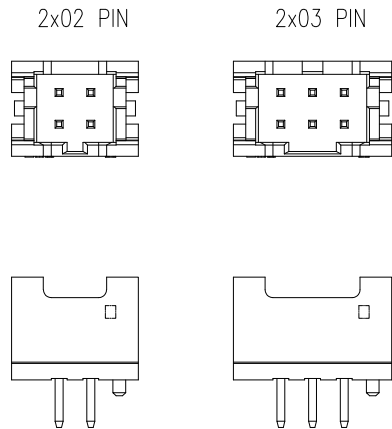
ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-17122	RELEASE TO PRODUCTION	06/09/2017	Roger Tsai
B	NE-18013	ADD 2.5MM TAIL LENGTH FOR PCB=2.0MM	01/17/2018	Roger Tsai
C	NE-21045	ADD RECOMMEND PARTS INFORMATION AND ADD P1. P2 MARK IN PACKAGE	03/25/2021	Roger Tsai

NOTES:

- MATERIAL:
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, NYLON4T, UL94V-0, COLOR: BLACK.
TERMINAL: COPPER ALLOY.
- FINISH:
TERMINAL:
CONTACT AREA: SELECTIVE GOLD PLATING OR MATTE TIN PLATING 100 μ" THICKNESS MIN.;
SOLDERING AREA: GOLD FLASH OR MATTE TIN PLATING 100 μ" THICKNESS MIN.;
UNDER PLATING: NICKEL PLATING 50 μ" THICKNESS MIN. OVERALL.
- PRODUCT SPECIFICATION REFER TO : PS-7502.
- TEST SUMMARY REFER TO : TS-7502-001.
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS PER DIRECTIVE 2011/65/EU & 2015/863/EU FOR RoHS COMPLIANT. AND PER IEC 61249-2-21 FOR HALOGEN-FREE COMPLIANT.
- RECOMMENDED HOUSING PN: G862AHXXX7EU; TERMINAL PN: G862ACX14T3EU



Mating Condition (REF.)

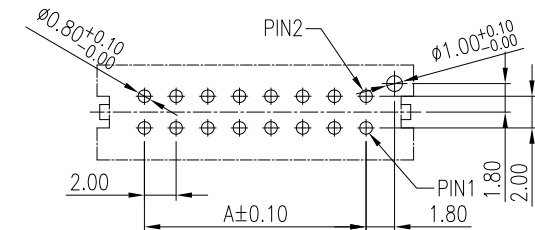
PART NO. G861B XX X X T9P X HR

NO. OF POSITION

TAIL OPTION: DIM "D"
1: 3.0mm
2: 2.0mm
3: 2.5mm

COLOR OPTION:
2: BLACK
4: WHITE

CONTACT FINISH
1: MATTE TIN 100μ" MIN.
2: 15μ" MIN. GOLD
3: GOLD FLASH



RECOMMENDED PCB LAYOUT
ALL TOLERANCE ±0.05

2X11=22	20.00	22.84	26.00				
2X10=20	18.00	20.84	24.00	2X20=40	38.00	40.84	44.00
2X9=18	16.00	18.84	22.00	2X19=38	36.00	38.84	42.00
2X8=16	14.00	16.84	20.00	2X18=36	34.00	36.84	40.00
2X7=14	12.00	14.84	18.00	2X17=34	32.00	34.84	38.00
2X6=12	10.00	12.84	16.00	2X16=32	30.00	32.84	36.00
2X5=10	8.00	10.84	14.00	2X15=30	28.00	30.84	34.00
2X4=8	6.00	8.84	12.00	2X14=28	26.00	28.84	32.00
2X3=6	4.00	6.84	10.00	2X13=26	24.00	26.84	30.00
2X2=4	-	4.84	8.00	2X12=24	22.00	24.84	28.00
NO. OF POSITION	A	B	C	NO. OF POSITION	A	B	C

TOLERANCE		APPROVALS		DATE	TITLE		Amphenol®	
X.		DRAWN		Sandy Wu	03/25/2021	G861B SERIES, PROTECTED		Amphenol Corporation Amphenol Taiwan Corporation
X.X	±0.30	CHECKED		Debby Hung	03/25/2021	HEADER, 2.00 PITCH, VERTICAL		
X.XX	±0.20	APPROVED		Roger Tsai	03/25/2021	DIP TYPE, W/POST		PART No. G861BXXX1XT9PXHR
X.XXX	±0.10	DWG TYPE		CUST DWG	PROJECT CODE	PHD	UNIT mm	SIZE A3
ANGULAR	±1°	UNLESS OTHERWISE SPECIFIED					SCALE NA	SHEET 1 OF 2
							DWG No. G861BXXX1XT9PXHR	REV. C

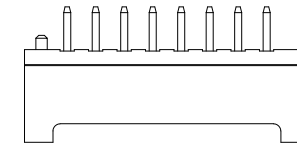
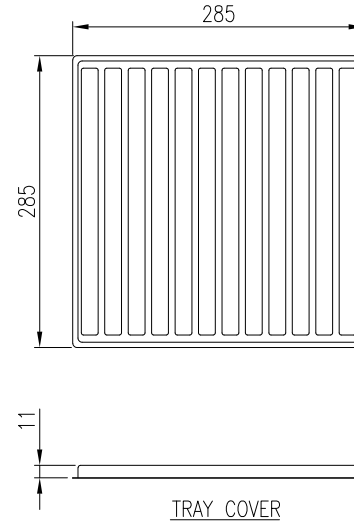
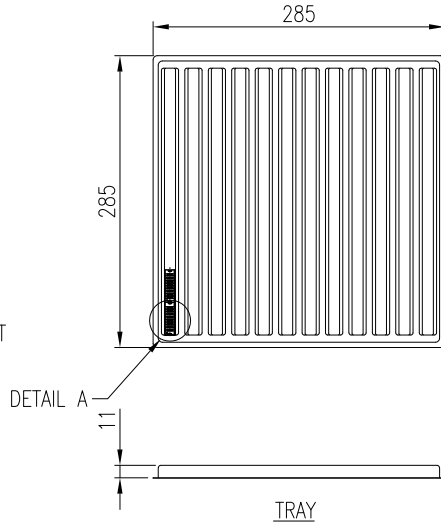
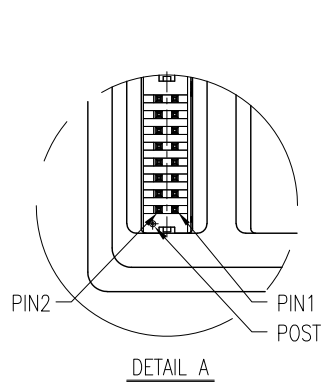
This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.
The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant.



ORIGINAL



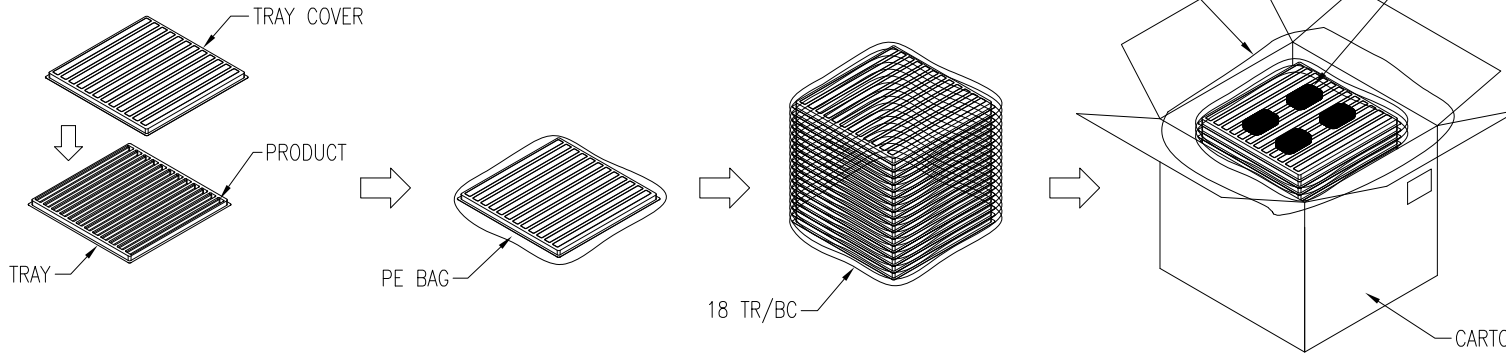
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-17122	RELEASE TO PRODUCTION	06/09/2017	Roger Tsai
B	NE-18013	ADD 2.5MM TAIL LENGTH FOR PCB=2.0MM	01/17/2018	Roger Tsai
C	NE-21045	ADD RECOMMEND PARTS INFORMATION AND ADD P1, P2 MARK IN PACKAGE	03/25/2021	Roger Tsai



PRODUCT

PACKING MATERIAL		
PART NAME	DIM.(mm)	Q'ty
TRAY	285*285*11	18
TRAY COVER	285*285*11	18
PE BAG	360*300*0.08	18
DRIER	NA	APPROPRIATE
CARTON	350*350*340	18

PACKING CAPACITY			
PIN	PCS/TR	TR/BC	PCS/BC
2X02	682	18	12,276
2X03	528	18	9,504
2X04	440	18	7,920
2X05	374	18	6,732
2X06	330	18	5,940
2X07	286	18	5,148
2X08	264	18	4,752
2X09	242	18	4,356
2X10	220	18	3,960
2X11	198	18	3,564
2X12	176	18	3,168
2X13~2X14	165	18	2,970
2X15~2X16	154	18	2,772
2X20	143	18	2,574



TOLERANCE		APPROVALS		DATE	TITLE		Amphenol®		
X.		DRAWN	Sandy Wu	03/25/2021	G861B SERIES, PROTECTED HEADER, 2.00 PITCH, VERTICAL DIP TYPE, W/POST		Amphenol Corporation Amphenol Taiwan Corporation		
X.X	±0.30	CHECKED	Debby Hung	03/25/2021					
X.XX	±0.20	APPROVED	Roger Tsai	03/25/2021					
X.XXX	±0.10						PART No. G861BXXX1XT9PXHR		
ANGULAR	±1°	DWG TYPE		PROJECT CODE			UNIT	SIZE	SHEET
UNLESS OTHERWISE SPECIFIED		CUST DWG		PHD			mm	A3	
							SCALE		DWG No.
							NA		G861BXXX1XT9PXHR
									REV. C