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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

PART NO. G861B XX X X T9P X HR

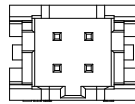
NO. OF POSITION

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

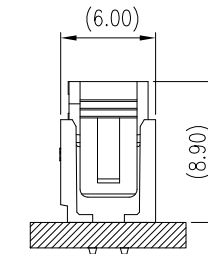
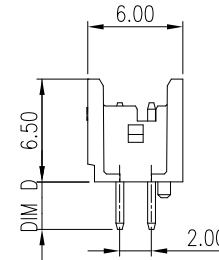
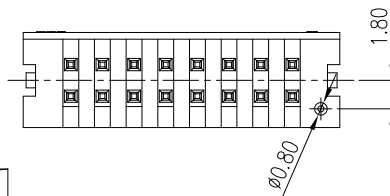
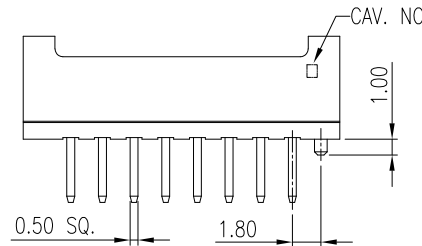
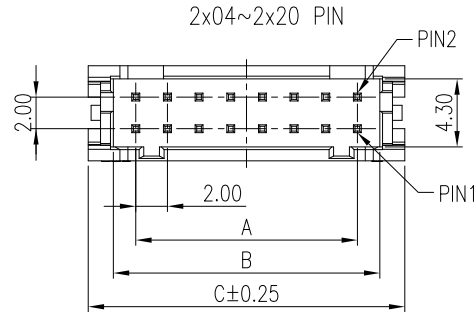
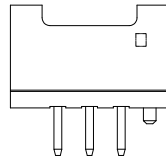
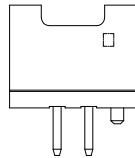
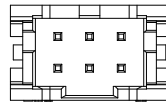
COLOR OPTION:
2: BLACK
4: WHITE

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

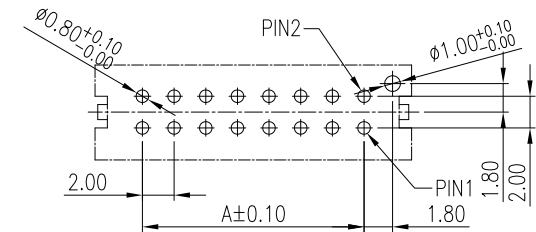
2x02 PIN



2x03 PIN



Mating Condition (REF.)



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

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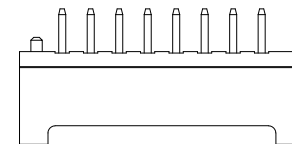
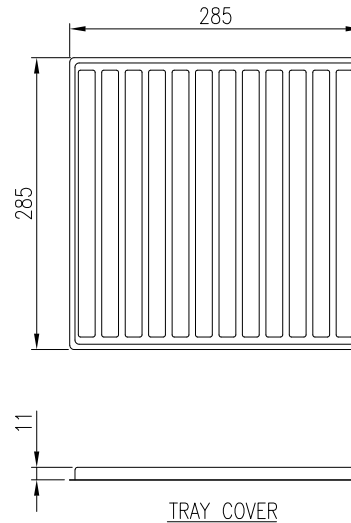
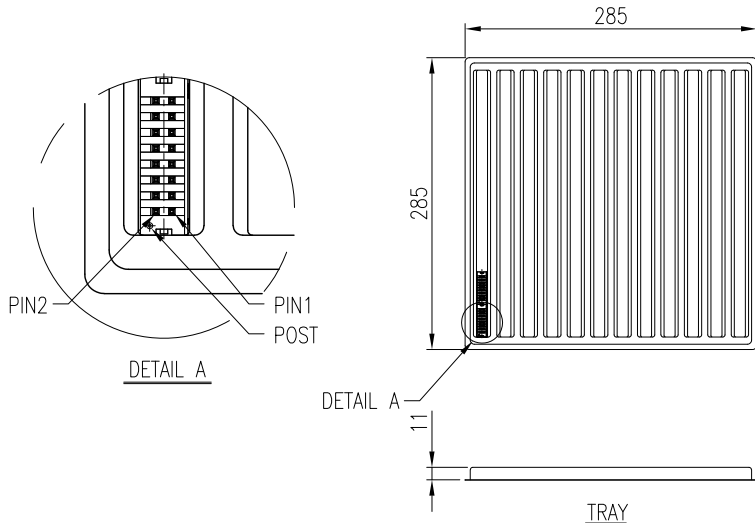
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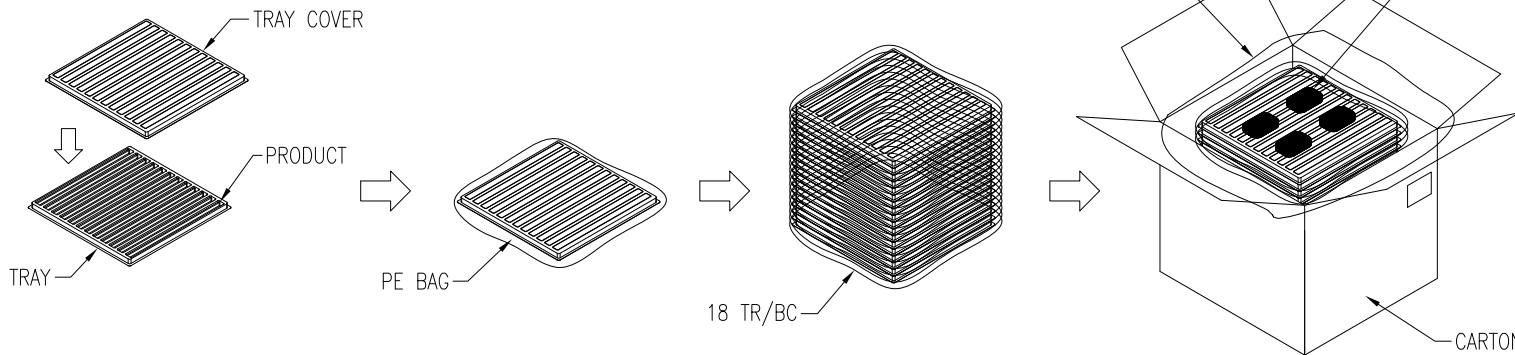


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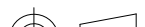


PRODUCT

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