

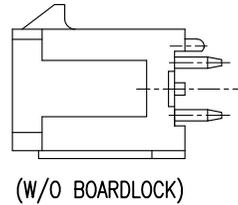
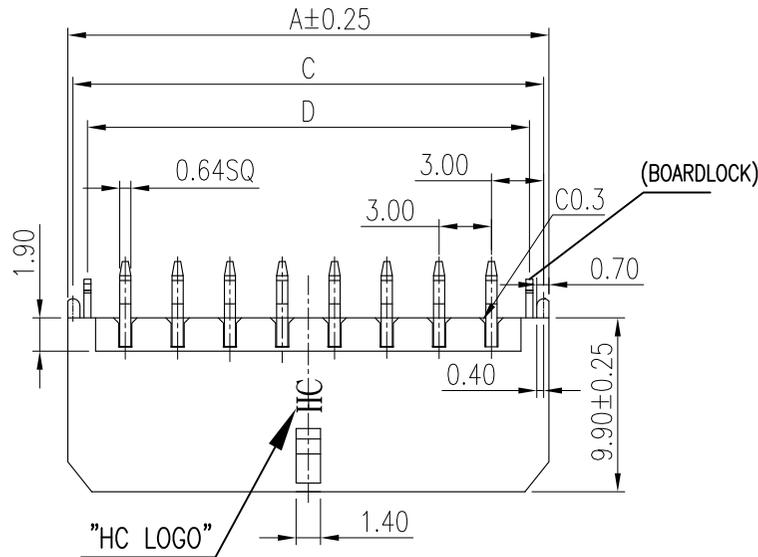
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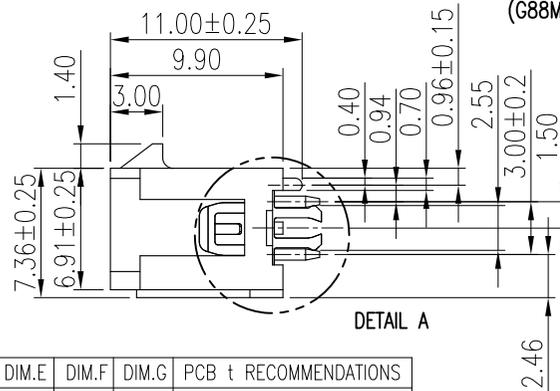
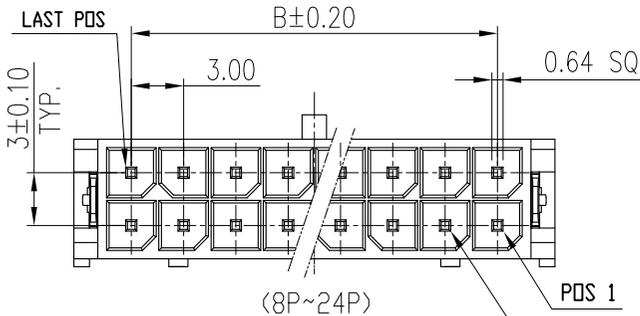
ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-14098	RELEASE FOR RoHS	06/14/2014	Arron Lin
B	NE-16287	ADD W/O BOARDLOCK OPTION/ADD TAIL 2.60,3.20,4.00,4.50 OPTION	12/14/2016	Roger Tsai
C	NE-17135	ADD BOARDLOCK LENGTH DIM F OPTION	06/19/2017	Roger Tsai
D	NE-18172	UPDATE PACKING PCS/CARTON	08/13/2018	Roger Tsai
E	NE-21015	UPDATE FINISH & BOARDLOCK PCB THICKNESS RECOMMENDATIONS	01/21/2021	Juda Liu



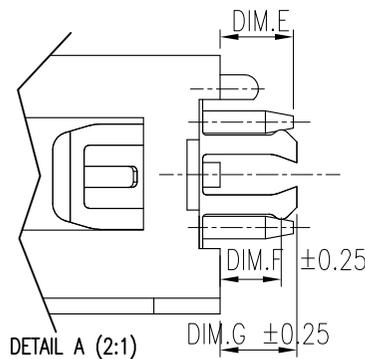
- NOTE:
- MATERIAL  
INSULATOR: HIGH TEMP. THERMOPLASTIC, OPTIONS, UL 94V-0, COLOR OPTIONS  
CONTACT MATERIAL: HIGH PERFORMANCE COPPER ALLOY.  
BOARDLOCK: COPPER ALLOY.
  - FINISH:  
CONTACT: SELECTIVE PLATING;  
SOLDERING AREA: PLEASE REFER TO PART NO. DEFINITION.  
UNDER PLATING: NICKEL PLATING 50 μ" THICKNESS MIN. OVERALL.  
BOARDLOCK:  
MATTE TIN 100μ" MIN. PLATING;  
UNDER PLATING: NICKEL PLATING 50 μ" THICKNESS MIN. OVERALL.
  - THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS PER DIRECTIVE 2011/65/EU & 2015/863/EU FOR RoHS COMPLIANT.
  - PACKING MUST BE PER Amphenol PACKING SPECIFICATION
  - TO ENSURE CURRENT RATING CAPABILITY, PLEASE ADOPT TOTAL SOLUTION. (G88MPH CABLE HOUSING SERIES WITH G88MPC CABLE TERMINAL SERIES)



- PART NO. G88MPXX1X2XXEU  
No. OF CIRCUIT
- BOARD MOUNT OPTION  
C: W/BOARDLOCK  
D: W/O BOARDLOCK
- CONTACT / SOLDERING FINISH  
0: MATTE TIN 100 μ" (OVERALL)  
UNDER PLATING NICKEL 50 μ" THICKNESS MIN  
1: FLASH GOLD / FLASH GOLD  
2: 15 μ" GOLD/ MATTE TIN 100 μ"  
3: 30 μ" GOLD/ MATTE TIN 100 μ"  
4: 30 μ" GOLD/ FLASH GOLD
- INSULATOR, TAIL (DIM E)  
BLANK: LCP (BLACK), 2.10MM  
1: LCP (NATURAL), 2.10MM  
2: LCP (BLACK), 2.60MM  
3: LCP (NATURAL), 2.60MM  
4: LCP (BLACK), 3.20MM  
5: LCP (NATURAL), 3.20MM  
6: LCP (BLACK), 4.00MM  
7: LCP (NATURAL), 4.00MM  
8: LCP (BLACK), 4.50MM  
9: LCP (NATURAL), 4.50MM

POS	A	B	C	D
02	6.60		6.00	4.3
04	9.60	3.00	9.00	7.3
06	12.60	6.00	12.00	10.3
08	15.60	9.00	15.00	13.3
10	18.60	12.00	18.00	16.3
12	21.60	15.00	21.00	19.3
14	24.60	18.00	24.00	22.3
16	27.60	21.00	27.00	25.3
18	30.60	24.00	30.00	28.3
20	33.60	27.00	33.00	31.3
22	36.60	30.00	36.00	34.3
24	39.60	33.00	39.00	37.3

DIM.E	DIM.F	DIM.G	PCB t RECOMMENDATIONS
2.10	1.75	2.20	1.6
2.60	2.35	2.80	2.0~2.1
3.20	2.95	3.40	2.6~2.7
4.00	3.85	4.30	3.5~3.6
4.50	4.25	4.70	3.9~4.0



TOLERANCE		APPROVALS		DATE	TITLE		Amphenol®	
X.		DRAWN		Juda Liu	01/21/2021	G88MP SERIES MICRO POWER PLUS, WAFER 3.00 MM PITCH STRAIGHT DIP, W/BLOCK		Amphenol Corporation Amphenol Taiwan Corporation
X.X	±0.30	CHECKED		Debby Hung	01/21/2021			
X.XX	±0.20	APPROVED		Roger Tsai	01/21/2021			
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 4
							PART No.	G88MPXX1X2XXEU
							DWG No.	G88MPXX1X2XXEU
							REV.	E

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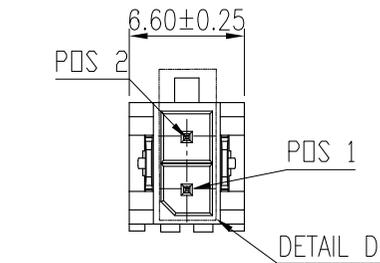
ORIGINAL



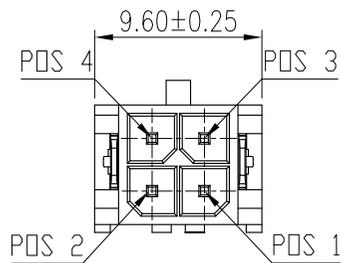
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A  
B  
C  
D  
E  
F

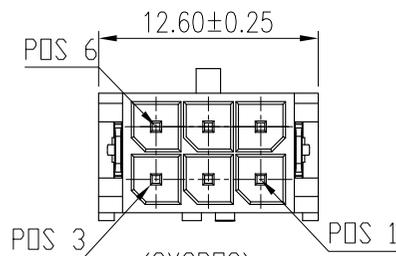
A  
B  
C  
D  
E  
F



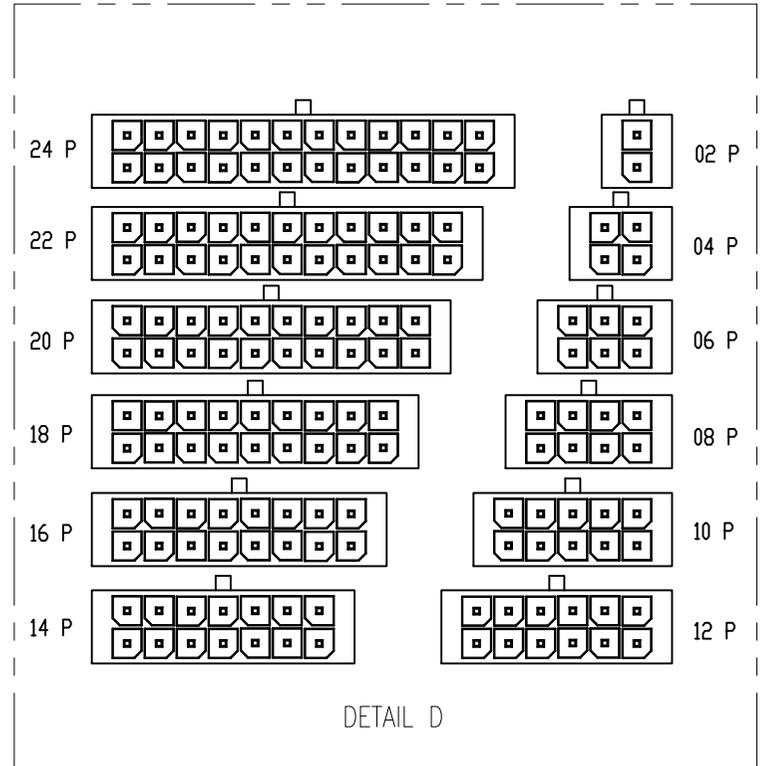
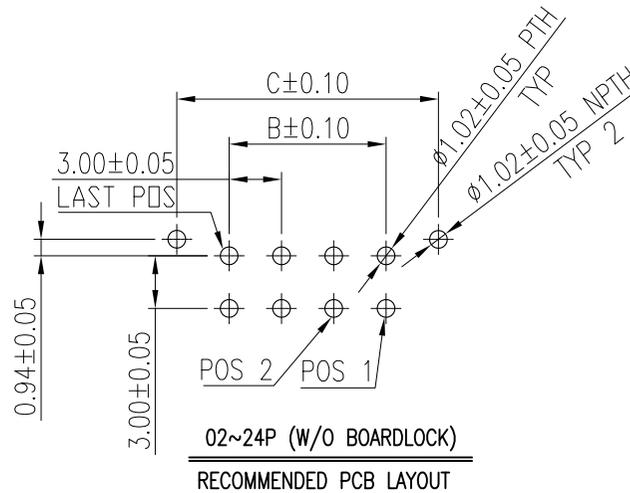
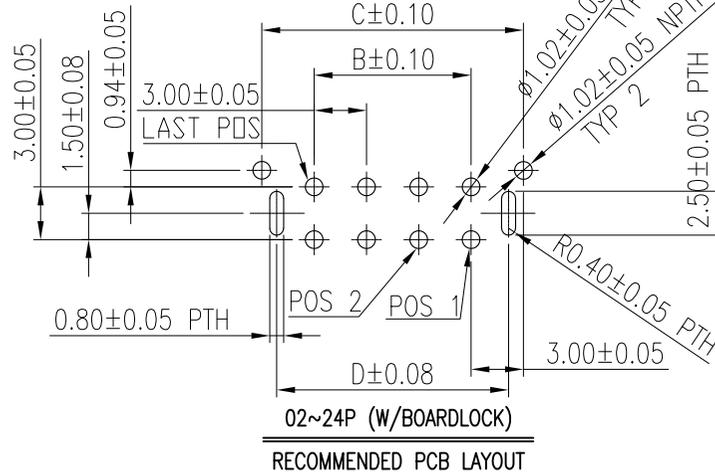
(2X1POS)



(2X2POS)



(2X3POS)



TOLERANCE		APPROVALS		DATE	TITLE		Amphenol®										
X.		DRAWN		Juda Liu	01/21/2021	G88MP SERIES MICRO POWER PLUS, WAFER 3.00 MM PITCH STRAIGHT DIP, W/BLOCK		Amphenol Corporation Amphenol Taiwan Corporation									
X.X	±0.30	CHECKED		Debby Hung	01/21/2021												
X.XX	±0.20	APPROVED		Roger Tsai	01/21/2021												
X.XXX	±0.10	UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE	PHD	UNIT	mm	SIZE	A3	PART No.	G88MPXX1X2XXEU	DWG No.	G88MPXX1X2XXEU	REV.	E
ANGULAR	±1°							SCALE	NA	SHEET	2 OF 4						

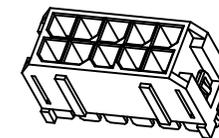
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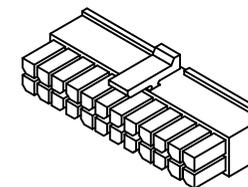


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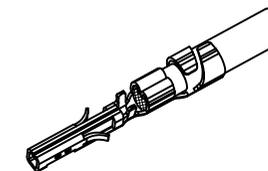
POS.	BOARD-MOUNT P/N	CABLE HOUSING P/N	CABLE TERMINAL P/N	AWG NO.	PLATING OPTIONS
02	G88MP021X2XXEU	G88MPH0222CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
04	G88MP041X2XXEU	G88MPH0422CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
06	G88MP061X2XXEU	G88MPH0622CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
08	G88MP081X2XXEU	G88MPH0822CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
10	G88MP101X2XXEU	G88MPH1022CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
12	G88MP121X2XXEU	G88MPH1222CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
14	G88MP141X2XXEU	G88MPH1422CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
16	G88MP161X2XXEU	G88MPH1622CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
18	G88MP181X2XXEU	G88MPH1822CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
20	G88MP201X2XXEU	G88MPH2022CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
22	G88MP221X2XXEU	G88MPH2222CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
24	G88MP241X2XXEU	G88MPH2422CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD



AMPHENOL BOARD-MOUNT



AMPHENOL CABLE HOUSING



AMPHENOL CABLE TERMINAL

NOTE:  
TO ENSURE CURRENT RATING CAPABILITY, PLEASE ADOPT TOTAL SOLUTION.  
(G88MPH CABLE HOUSING SERIES WITH G88MPC CABLE TERMINAL SERIES)

TOLERANCE		APPROVALS		DATE	TITLE		Amphenol <sup>®</sup>						
X.		DRAWN		Juda Liu	01/21/2021	G88MP SERIES MICRO POWER PLUS, WAFER 3.00 MM PITCH STRAIGHT DIP, W/BLOCK		Amphenol Corporation Amphenol Taiwan Corporation					
X.X	±0.30	CHECKED		Debby Hung	01/21/2021		UNIT	mm	SIZE	A3	PART No.	G88MPXX1X2XXEU	
X.XX	±0.20	APPROVED		Roger Tsai	01/21/2021		SCALE	NA	SHEET	3 OF 4	DWG No.	G88MPXX1X2XXEU	REV.
X.XXX	±0.10	UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE	PHD						

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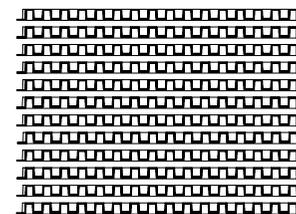
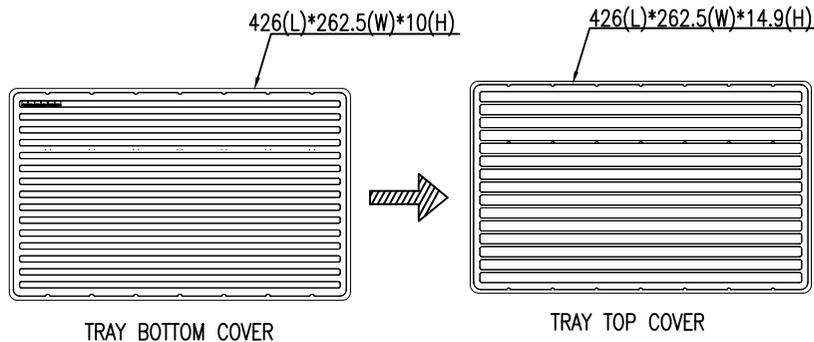


TABLE A:

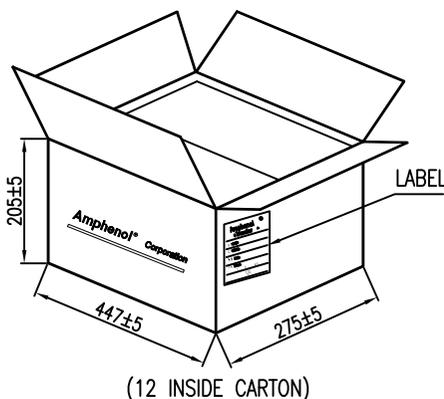
- PART NO. G88MPXX1X2XEU
- PART NO. G88MPXX1X21XEU
- PART NO. G88MPXX1X22XEU
- PART NO. G88MPXX1X23XEU
- PART NO. G88MPXX1X24XEU
- PART NO. G88MPXX1X25XEU

TABLE B:

- PART NO. G88MPXX1X26XEU
- PART NO. G88MPXX1X27XEU
- PART NO. G88MPXX1X28XEU
- PART NO. G88MPXX1X29XEU

TABLE A: TAIL (DIM E) < 4.00mm		
POS	PCS/TRAY	PCS/CARTON
2	900	10800
4	615	7380
6	465	5580
8	375	4500
10	315	3780
12	270	3240
14	240	2880
16	210	2520
18	180	2160
20	165	1980
22	150	1800
24	150	1800

TABLE B: TAIL (DIM E) ≥ 4.00mm		
POS	PCS/TRAY	PCS/CARTON
2	840	10080
4	574	6888
6	434	5208
8	350	4200
10	294	3528
20	252	3024
14	224	2688
16	196	2352
18	168	2016
20	154	1848
22	140	1680
24	140	1680



NOTE:

- MATERIAL : BLACK CONDUCTIVE POLYSTYRENE ALLOY
- ALL DIMENSIONS MEET EIA-481-C REQUIREMENTS.
- THICKNESS : 0.80±0.05mm.

TOLERANCE	APPROVALS	DATE	TITLE		Amphenol <sup>®</sup>	
X. ±0.30	DRAWN Juda Liu	01/21/2021	G88MP SERIES MICRO POWER PLUS, WAFER 3.00 MM PITCH STRAIGHT DIP, W/BLOCK		Amphenol Corporation Amphenol Taiwan Corporation	
X.X ±0.20	CHECKED Debby Hung	01/21/2021				
X.XXX ±0.10	APPROVED Roger Tsai	01/21/2021				
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE PHD	UNIT mm	SIZE A3	PART No. G88MPXX1X2XXEU	
UNLESS OTHERWISE SPECIFIED			SCALE NA	SHEET 4 OF 4	DWG No. G88MPXX1X2XXEU REV. E	