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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	BY
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
F	NE-24100	UPDATE INCORRECT INFORMATION	2024-05-07	Bruce Huang

NOTE:

1.MATERIAL

INSULATOR: HIGH TEMP. THERMOPLASTIC, OPTIONS, UL 94V-0, COLOR OPTIONS
CONTACT MATERIAL: HIGH PERFORMANCE COPPER ALLOY.

BOARDLOCK: COPPER ALLOY.

2.FINISH:

CONTACT: SELECTIVE PLATING;

SOLDERING AREA: PLEASE REFER TO PART NO. DEFINITION.

UNDER PLATING: NICKEL PLATING 50 μ " THICKNESS MIN.OVERALL.

BOARDLOCK:

MATTE TIN 100u" MIN. PLATING;

UNDER PLATING: NICKEL PLATING 50 μ " THICKNESS MIN. OVERALL.

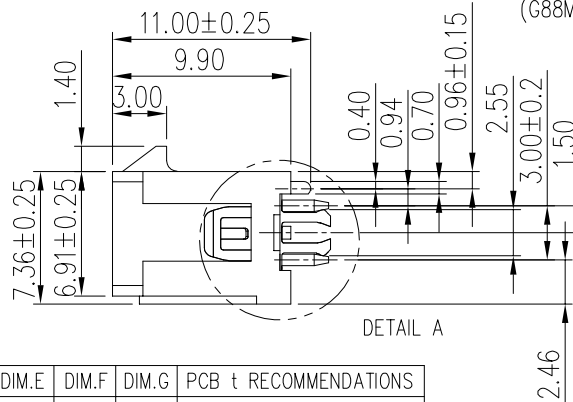
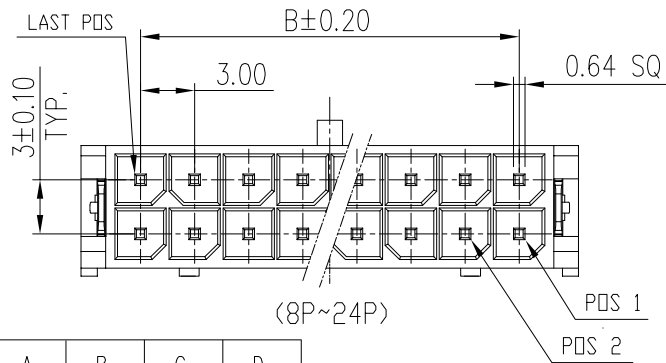
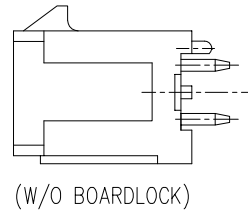
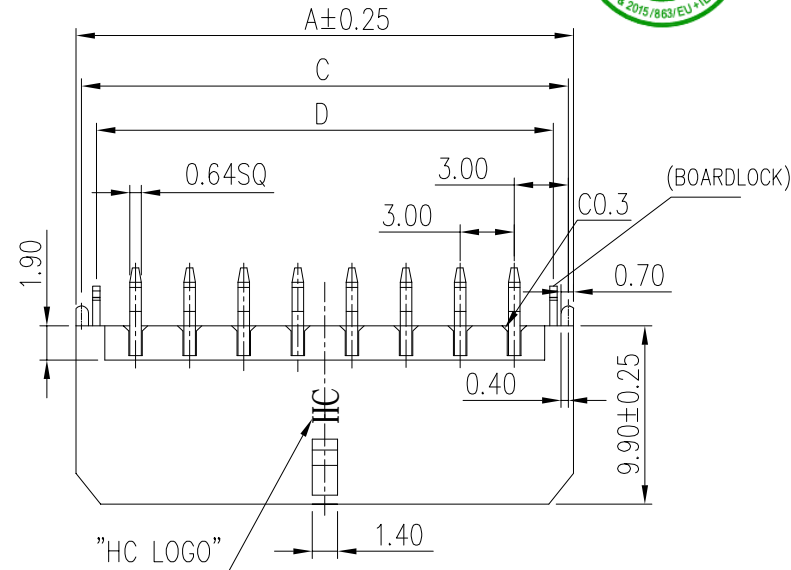
4. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS

PER DIRECTIVE 2011/65/EU & 2015/863/EU FOR RoHS COMPLIANT.

5.PACKING MUST BE PER Amphenol PACKING SPECIFICATION

6.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	3.00	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
X. X.X X.XX X.XXX	DRAWN Bruce Huang	2024-05-07
±0.30 ±0.20 ±0.10	CHECKED Joseph Jiang	2024-05-07
ANGULAR ±1°	APPROVED Roger Tsai	2024-05-07
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE PHD

TITLE		PART No.	
G88MP SERIES MICRO POWER PLUS, WAFER 3.00 MM PITCH STRAIGHT DIP, W/BLOCK		G88MPXX1X2XXEU	
UNIT mm		SIZE A3	
SCALE NA		SHEET 1 OF 4	
DWG No. G88MPXX1X2XXEU		REV. F	

Amphenol®

Amphenol Corporation
Amphenol Taiwan Corporation

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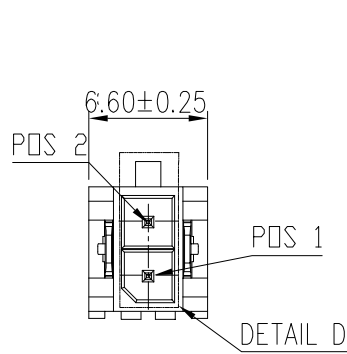
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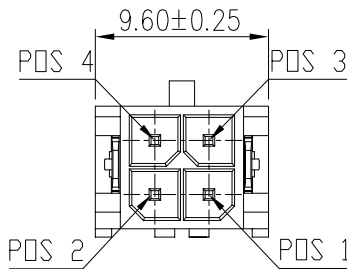
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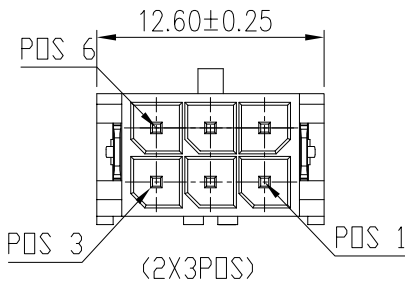
REVISIONS				
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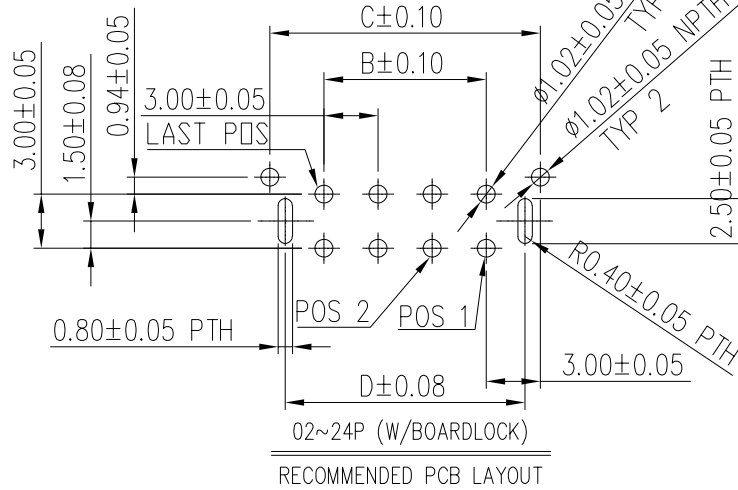
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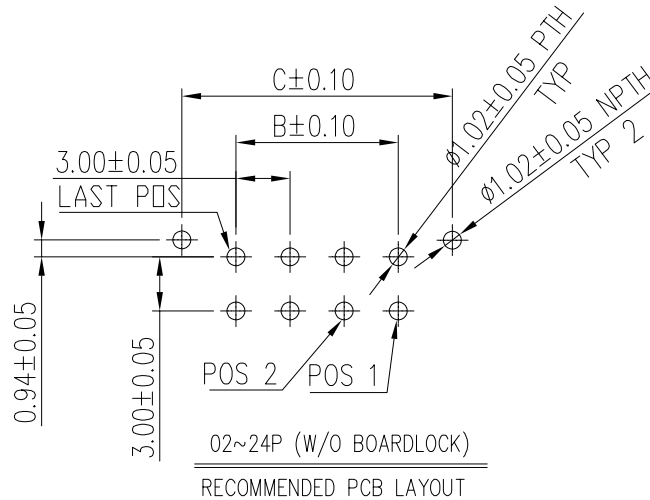
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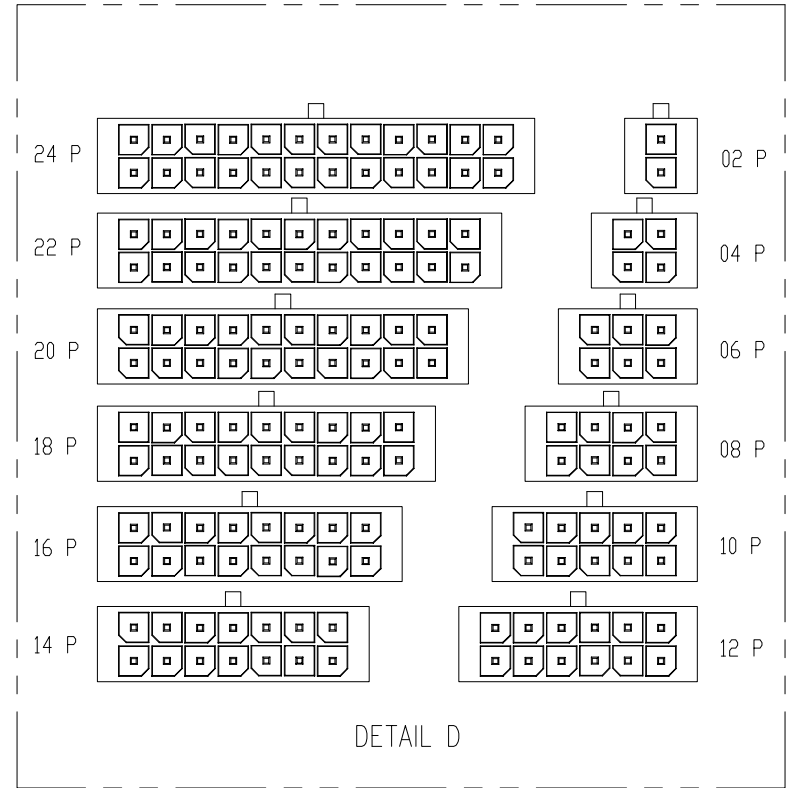
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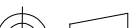
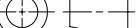
RECOMMENDED PCB LAYOUT



RECOMMENDED PCB LAYOUT



DETAIL D

TOLERANCE		APPROVALS		DATE	TITLE				Amphenol [®]					
X.		DRAWN	Bruce Huang	2024-05-07	G88MP SERIES MICRO POWER PLUS, WAFER 3.00 MM PITCH STRAIGHT DIP, W/BLOCK				Amphenol Corporation					
X.X	±0.30	CHECKED	Joseph Jiang	2024-05-07					Amphenol Taiwan Corporation					
X.XX	±0.20													
X.XXX	±0.10													
ANGULAR ±1°		APPROVED Roger Tsai		2024-05-07		UNIT	mm	SIZE	A3	PART No. G88MPXX1X2XXEU				
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE	PHD		SCALE	NA	SHEET	2 OF 4	DWG No.	G88MPXX1X2XXEU	REV.	F

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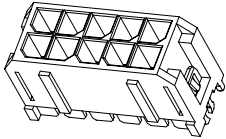
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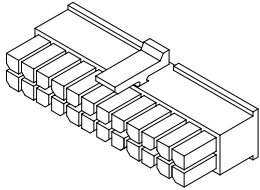
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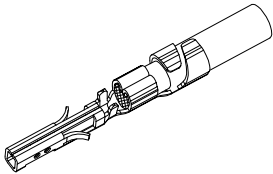
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F	NE-24100	UPDATE INCORRECT INFORMATION	2024-05-07	Bruce Huang



AMPHENOL BOARD-MOUNT



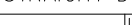
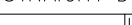
AMPHENOL CABLE HOUSING



AMPHENOL CABLE TERMINAL

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

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

TOLERANCE		APPROVALS		DATE	TITLE				Amphenol [®]							
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN		Bruce Huang	2024-05-07	G88MP SERIES MICRO POWER PLUS, WAFER 3.00 MM PITCH STRAIGHT DIP, W/BLOCK				Amphenol Corporation						
		CHECKED		Joseph Jiang	2024-05-07					Amphenol Taiwan Corporation						
		APPROVED		Roger Tsai	2024-05-07											
ANGULAR ±1°							UNIT	mm	SIZE	A3	PART No.	G88MPXX1X2XXEU				
UNLESS OTHERWISE SPECIFIED		DWG TYPE		CUST DWG	PROJECT CODE	PHD		SCALE	NA	SHEET	3 OF 4	DWG No.	G88MPXX1X2XXEU		REV.	F

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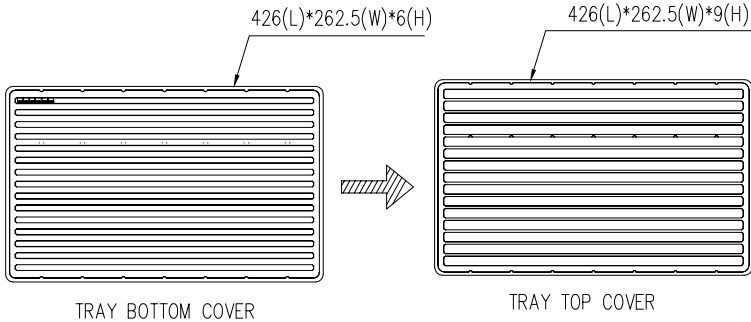


ORIGINAL

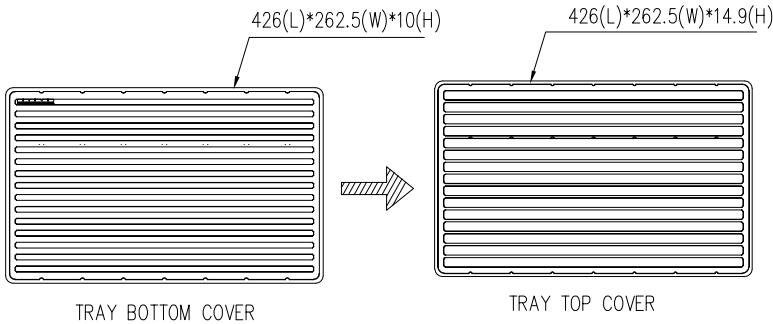


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TAIL (DIM E) < 4.00mm



TAIL (DIM E) ≥ 4.00mm



NOTE:

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

TABLE A:

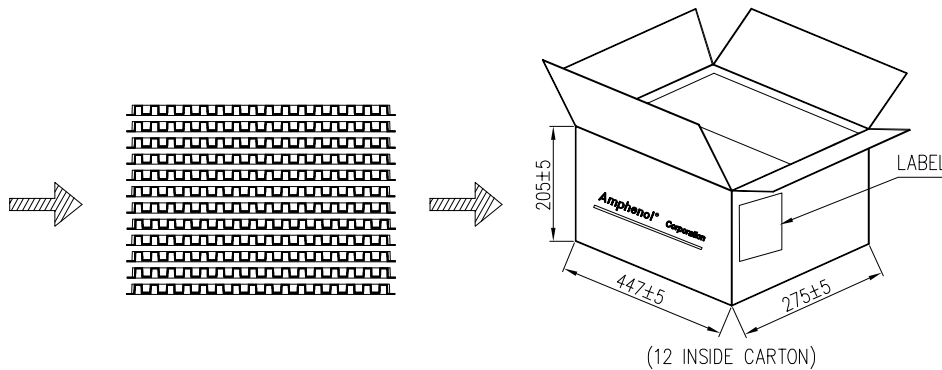
PART NO. G88MPXX1X2XE
PART NO. G88MPXX1X21XE
PART NO. G88MPXX1X22XE
PART NO. G88MPXX1X23XE
PART NO. G88MPXX1X24XE
PART NO. G88MPXX1X25XE

TABLE B:

PART NO. G88MPXX1X26XE
PART NO. G88MPXX1X27XE
PART NO. G88MPXX1X28XE
PART NO. G88MPXX1X29XE

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
12	252	3024
14	224	2688
16	196	2352
18	168	2016
20	154	1848
22	140	1680
24	140	1680



TOLERANCE		APPROVALS		DATE	TITLE				Amphenol [®]			
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		CHECKED Joseph Jiang		2024-05-07								
		APPROVED Roger Tsai		2024-05-07								
ANGULAR ±1°						UNIT mm	SIZE A3	PART No.	G88MPXX1X2XXEU			
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE PHD		SCALE NA	SHEET 4 OF 4	DWG No.	G88MPXX1X2XXEU		REV. F	

