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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-17175	RELEASE TO PRODUCTION	07/11/2017	Roger Tsai
B	NE-17213	ADD MORE DIFFERENT SECTION(WITHOUT CAP) FOR THE T&R PACKAGE	08/07/2017	Roger Tsai
C	NE-18163	UPDATE PACKING DRAWING	08/07/2018	Roger Tsai
D	NE-19204	ADD TOP.SIDE VIEW,PTH,NPTH,CAP FOOLPROOF AND DELETE DIM. 0.06	04/09/2020	Roger Tsai
E	NE-20177	ADD P/N PACKAGINR OPTION FOR CLIPPING SPACE & DIM 2.20, 3.20	12/09/2020	Roger Tsai

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: MATTE TIN 100u" MIN. OR GOLD PLATING;

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.

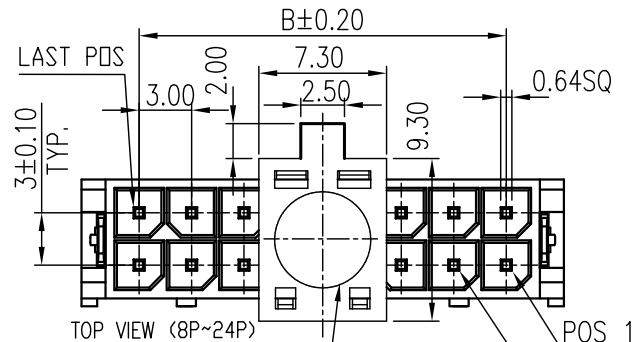
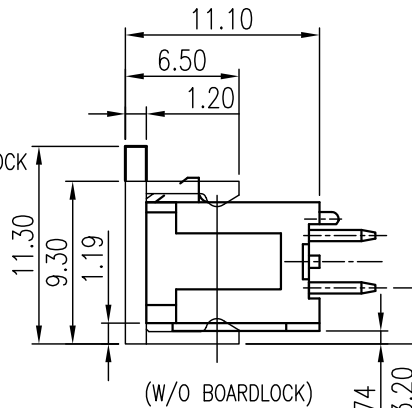
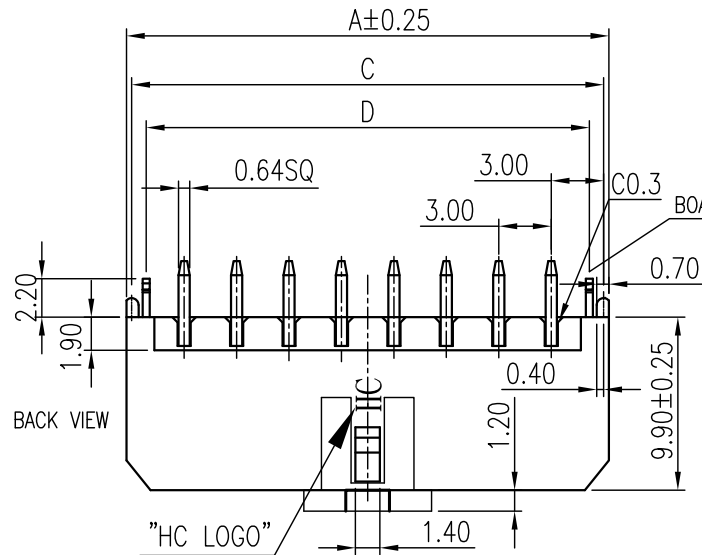
5.PACKING MUST BE PER Amphenol PACKING SPECIFICATION

6.TO ENSURE CURRENT RATING CAPABILITY, AMPHENOL HIGH CURRENT PART NUMBERS IN THE CHART ARE RECOMMENDED.

(G88MPH CABLE HOUSING SERIES WITH G88MPC CABLE TERMINAL SERIES)

7. PRODUCT SPECIFICATION REFER TO : PS-7528.

8. TEST SUMMARY REFER TO : TS-7528-001.



PART NO. G88MPXX1X2XXXREU

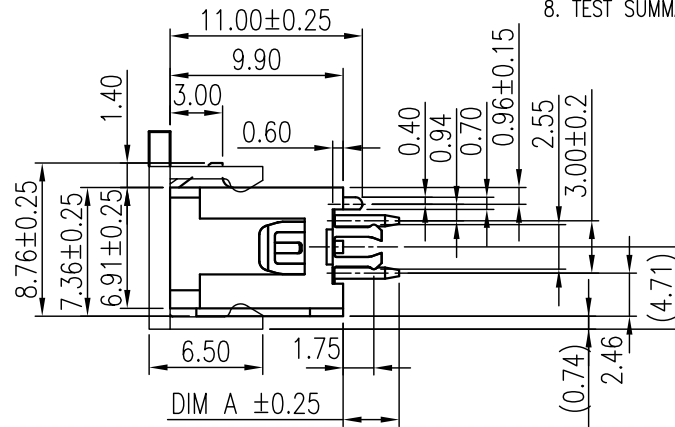
No. OF CIRCUIT

CONTACT FINISH
0: 100u" MATTE TIN
1: FULL GOLD FLASH
2: 15 u" GOLD
3: 30 u" GOLD

INSULATOR
0: LCP (BLACK) ,DIM A=2.10
1: LCP (NATURAL) ,DIM A=2.10
2: LCP (NATURAL) ,DIM A=2.60
7: LCP (NATURAL) ,DIM A=3.20
8: LCP (BLACK) ,DIM A=3.20
9: LCP (BLACK) ,DIM A=2.60

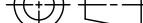
BOARD MOUNT / CAP

C: WITH BOARDLOCK / WITH CAP
D: WITHOUT BOARDLOCK / WITH CAP
1: WITH BOARDLOCK / WITHOUT CAP
2: WITHOUT BOARDLOCK / WITHOUT CAP



SIDE VIEW (W/ BOARDLOCK)

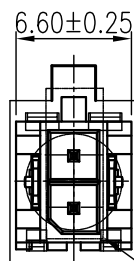
POS	A	B	C	D
02	6.60		6.00	4.3
04	9.60	3.00	9.00	7.3
06	12.60	6.00	12.00	10.3
08	15.60	9.00	15.00	13.3
10	18.60	12.00	18.00	16.3
12	21.60	15.00	21.00	19.3
14	24.60	18.00	24.00	22.3
16	27.60	21.00	27.00	25.3
18	30.60	24.00	30.00	28.3
20	33.60	27.00	33.00	31.3
22	36.60	30.00	36.00	34.3
24	39.60	33.00	39.00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

TOLERANCE		APPROVALS		DATE		TITLE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. ±0.30		DRAWN Juda Liu		12/09/2020		G88MP SERIES MICRO POWER PLUS, WAFER 3.00 MM PITCH STRAIGHT DIP, W/BLOCK (T&R PACKING)					
X.X ±0.20		CHECKED Debby Hung		12/09/2020							
X.XX ±0.20		APPROVED Roger Tsai		12/09/2020							
X.XXX ±0.10											
ANGULAR ±1°								UNIT mm	SIZE A3	PART No. G88MPXX1X2XXXREU	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE PHD				SCALE NA	SHEET 1 OF 5	DWG No. G88MPXX1X2XXXREU	REV. E

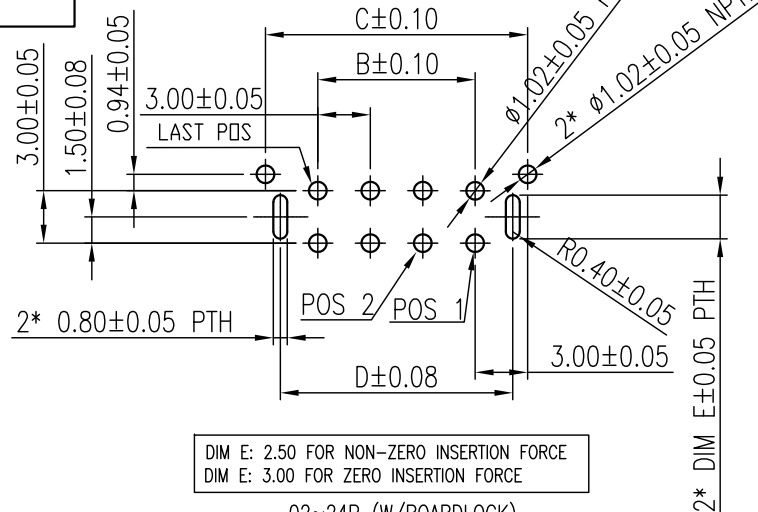
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ORIGINAL

REVISIONS				
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C	NE-18163	UPDATE PACKING DRAWING	08/07/2018	Roger Tsai
D	NE-19204	ADD TOP & SIDE VIEW ,NOTE PTH ,NPTH AND DELETE DIM. 0.06MM	04/09/2020	Roger Tsai
E	NE-19277	ADD P/N PACKAGING OPTION FOR CLIPPING SCHEM & DIM 2.20. 3.20	12/09/2020	Roger Tsai



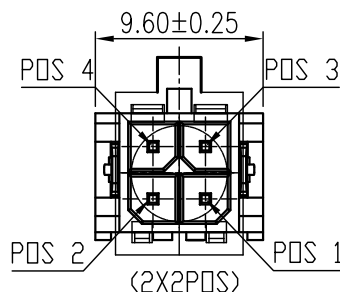
(2X1PDS)



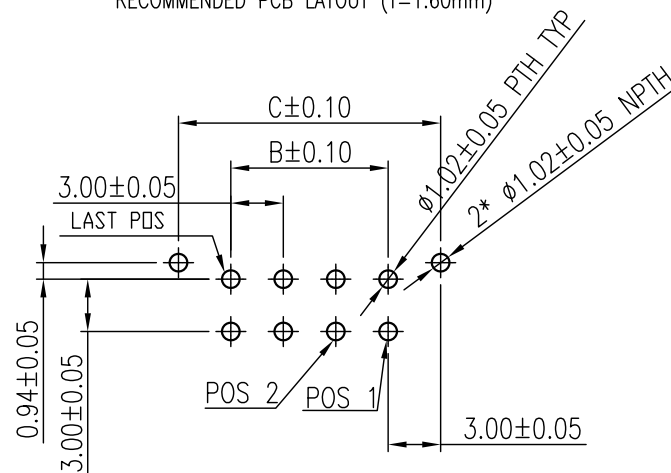
DIM E: 2.50 FOR NON-ZERO INSERTION FORCE
DIM E: 3.00 FOR ZERO INSERTION FORCE

02~24P (W/BOARDLOCK)

RECOMMENDED PCB LAYOUT (T=1.60mm)

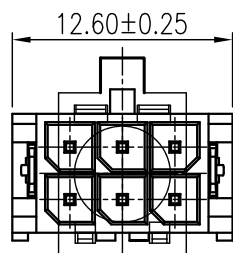


(2X2P□S)

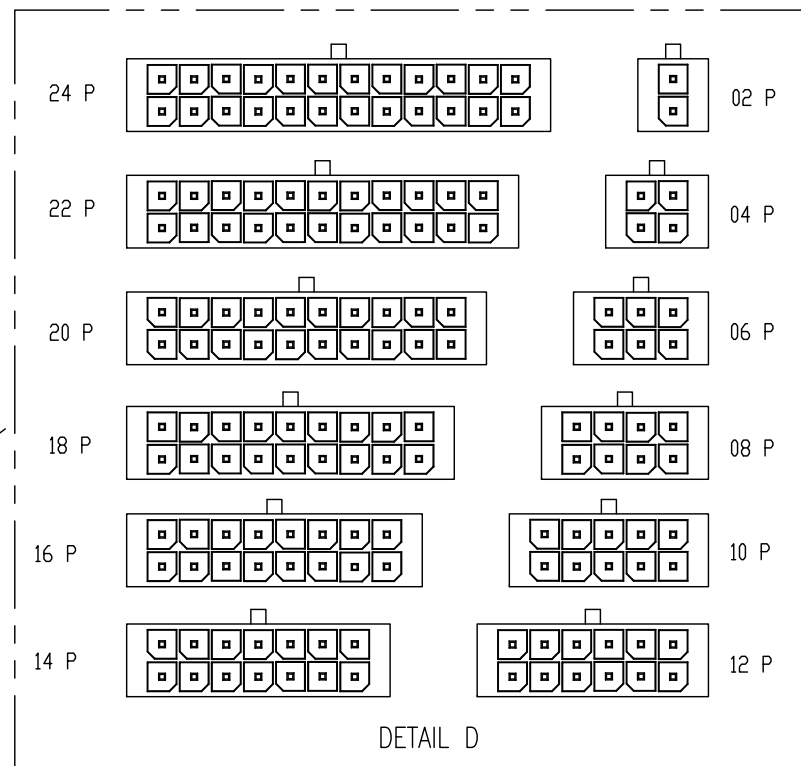


02~24P (W/O BOARDLOCK)

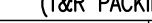
RECOMMENDED PCB LAYOUT



(2X3P1S)



DETAIL D

TOLERANCE		APPROVALS	DATE	G88MP SERIES MICRO POWER PLUS, WAFER 3.00 MM PITCH STRAIGHT DIP, W/BLOCK (T&R PACKING)		Amphenol [®] Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Juda Liu	12/09/2020					
		CHECKED Debby Hung	12/09/2020					
		APPROVED Roger Tsai	12/09/2020					
ANGULAR ±1°					UNIT mm	SIZE A3	PART No. G88MPXX1X2XXXREU	
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE PHD			SCALE NA	SHEET 2 OF 5	DWG No. G88MPXX1X2XXXREU	REV. E

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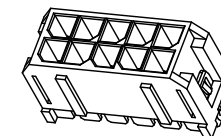


ORIGINAL

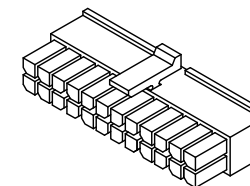


REVISIONS				
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C	NE-18163	UPDATE PACKING DRAWING	08/07/2018	Roger Tsai
D	NE-19204	ADD TOP & SIDE VIEW ,NOTE PTH ,NPTH AND DELETE DIM. 0.06MM	04/09/2020	Roger Tsai
E	NE-20177	ADD P/N PACKAGNR OPTION FOR CLIPPING SPACE & DIM 2.20, 3.20	12/09/2020	Roger Tsai

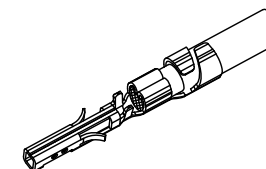
POS.	BOARD-MOUNT P/N	CABLE HOUSING P/N	CABLE TERMINAL P/N	AWG NO.	PLATING OPTIONS
02	G88MP021X2XXXREU	G88MPH0222CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
04	G88MP041X2XXXREU	G88MPH0422CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
06	G88MP061X2XXXREU	G88MPH0622CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
08	G88MP081X2XXXREU	G88MPH0822CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
10	G88MP101X2XXXREU	G88MPH1022CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
12	G88MP121X2XXXREU	G88MPH1222CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
14	G88MP141X2XXXREU	G88MPH1422CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
16	G88MP161X2XXXREU	G88MPH1622CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
18	G88MP181X2XXXREU	G88MPH1822CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
20	G88MP201X2XXXREU	G88MPH2022CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
22	G88MP221X2XXXREU	G88MPH2222CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
24	G88MP241X2XXXREU	G88MPH2422CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD



AMPHENOL BOARD-MOUNT

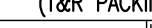


AMPHENOL CABLE HOUSING



AMPHENOL CABLE TERMINAL

NOTE:
TO ENSURE CURRENT RATING CAPABILITY, AMPHENOL
HIGH CURRENT PART NUMBERS IN THE CHART ARE
RECOMMENDED.
(G88MPH CABLE HOUSING SERIES WITH G88MPC
CABLE TERMINAL SERIES)

TOLERANCE		APPROVALS		DATE	TITLE G88MP SERIES MICRO POWER PLUS, WAFER 3.00 MM PITCH STRAIGHT DIP, W/BLOCK (T&R PACKING)			Amphenol [®] Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X X.XX X.XXX	±0.30 ±0.20 ±0.10	DRAWN	Juda Liu	12/09/2020							
		CHECKED	Debby Hung	12/09/2020							
		APPROVED	Roger Tsai	12/09/2020							
ANGULAR ±1°						UNIT	SIZE	PART No. G88MPXX1X2XXXREU			
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE PHD		SCALE	SHEET	DWG No. G88MPXX1X2XXXREU		REV. E	

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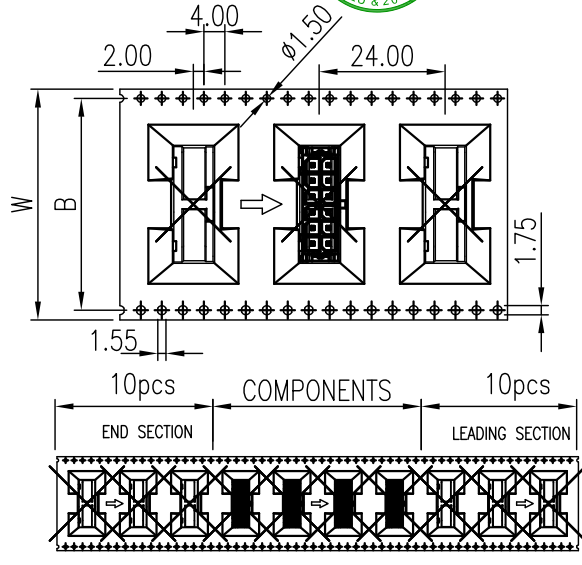
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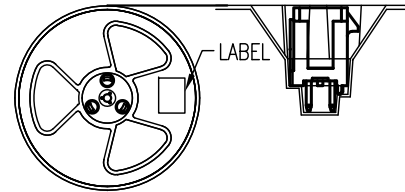
ORIGINAL



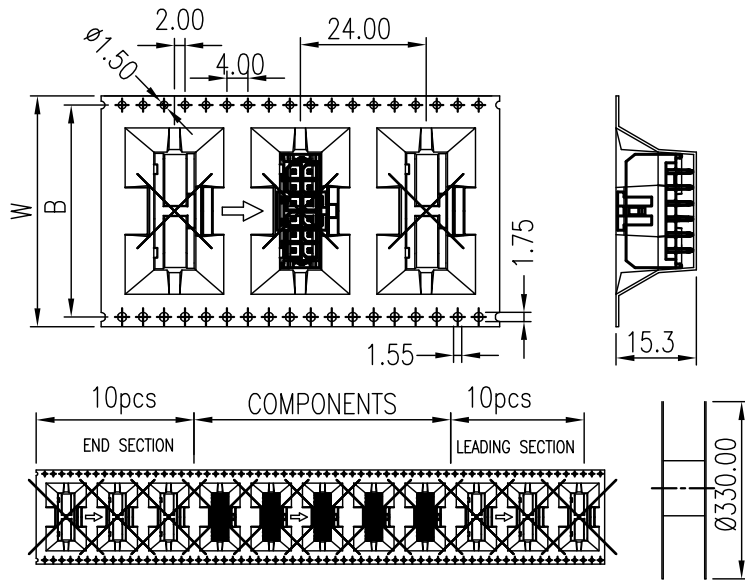
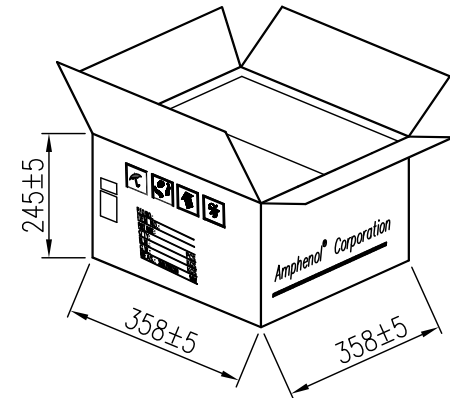
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-17175	RELEASE TO PRODUCTION	07/11/2017	Roger Tsai
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C	NE-18163	UPDATE PACKING DRAWING	08/07/2018	Roger Tsai
D	NE-19204	ADD TOP & SIDE VIEW ,NOTE PTH ,NPTH AND DELETE DIM. 0.06MM	04/09/2020	Roger Tsai
E	NE-20177	ADD P/N PACKAGINR OPTION FOR CLIPPING SPACE & DIM 2.20, 3.20	12/09/2020	Roger Tsai



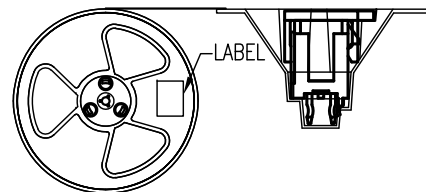
PULL OUT DIRECTION



W/O CAP

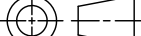


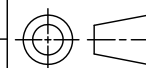
PULL OUT DIRECTION



W/CAP

P/N (NO CLIPPING SPACE)	W(mm)	B(mm)	PCS/REEL	PCS/CARTON
G88MP021X2XXREU	32	28.4	150	900
G88MP041X2XXREU	44	40.4	150	600
G88MP061X2XXREU				
G88MP081X2XXREU				
G88MP101X2XXREU				
G88MP121X2XXREU	72	68.4	150	450
G88MP141X2XXREU				
G88MP161X2XXREU				
G88MP181X2XXREU				
G88MP201X2XXREU				
G88MP221X2XXREU				
G88MP241X2XXREU				

TOLERANCE		APPROVALS		DATE	TITLE				Amphenol [®]										
X.		DRAWN		Juda Liu	12/09/2020	G88MP SERIES MICRO POWER PLUS, WAFER 3.00 MM PITCH STRAIGHT DIP, W/BLOCK (T&R PACKING)				Amphenol Corporation									
X.X ±0.30		CHECKED		Debby Hung						12/09/2020	Amphenol Taiwan Corporation								
X.XX ±0.20		APPROVED		Roger Tsai						12/09/2020									
X.XXX ±0.10																			
ANGULAR ±1°						UNIT	mm	SIZE	A3	PART No.	G88MPXX1X2XXXREU								
UNLESS OTHERWISE SPECIFIED		DWG TYPE		CUST DWG		PROJECT CODE		PHD			SCALE	NA	SHEET	4 OF 5	DWG No.	G88MPXX1X2XXXREU		REV.	E



UNIT	mm	SIZE	A3
SCALE	NA	SHEET	4 OF 5

REV. E

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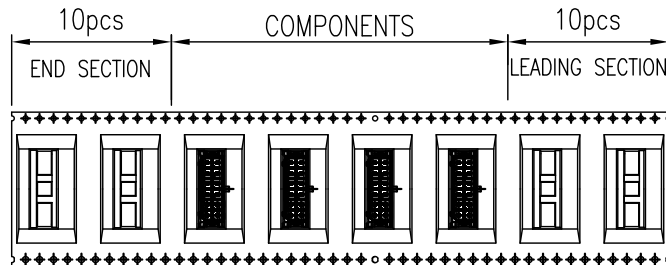
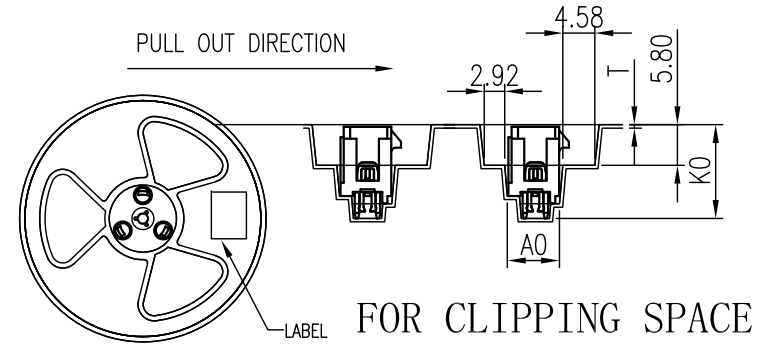
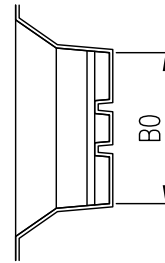
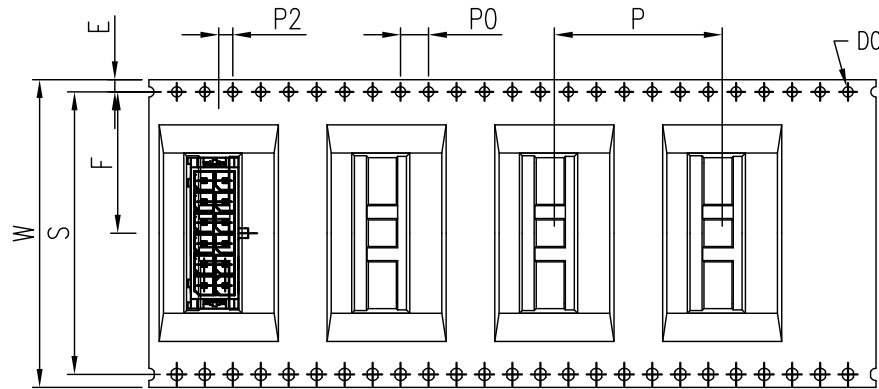
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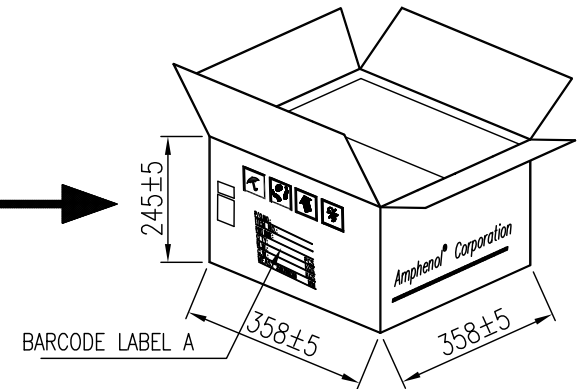
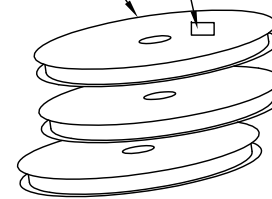
ORIGINAL



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E	NE-20177	ADD P/N PACKAGINR OPTION FOR CLIPPING SPACE & DIM 2.20, 3.20	12/09/2020	Roger Tsai



BARCODE LABEL A
TAPE & REEL ASS'Y



PART NO. (FOR CLIPPING SPACE)	W	B0	S	F	PCS REEL	REELS CARTON	QUANTITY (PCS)
G88MP021X2XX1REU	32.0	6.60	28.4	14.2	150	6	900
G88MP041X2XX1REU		9.60			150	3	450
G88MP061X2XX1REU		12.60			150	3	450
G88MP081X2XX1REU		21.60	68.4	34.2	150	3	450
G88MP101X2XX1REU		18.60			150	3	450
G88MP121X2XX1REU		21.60			150	3	450
G88MP141X2XX1REU	72.0				150	3	450
G88MP161X2XX1REU					150	3	450
G88MP181X2XX1REU		39.60	68.4	34.2	150	3	450
G88MP201X2XX1REU					150	3	450
G88MP221X2XX1REU					150	3	450
G88MP241X2XX1REU					150	3	450

A0	7.70±0.10	P	24.00±0.10
K0	14.80±0.10	P0	4.00±0.10
E	1.75±0.10	P2	2.00±0.10
T	0.50±0.05	D0	Ø1.50 ^{+0.10} _{-0.00}

TOLERANCE		APPROVALS		DATE		TITLE		Amphenol [®]	
X.		DRAWN		Juda Liu		12/09/2020		Amphenol Corporation	
X.X		CHECKED		Debby Hung		12/09/2020		Amphenol Taiwan Corporation	
X.XX		APPROVED		Roger Tsai		12/09/2020		G88MPXX1X2XXXREU	
X.XXX		DWG TYPE		CUST DWG		PROJECT CODE		G88MPXX1X2XXXREU	
ANGULAR		±1°				UNIT		mm	
UNLESS OTHERWISE SPECIFIED						SCALE		NA	
						SHEET		5 OF 5	
						REV.		E	