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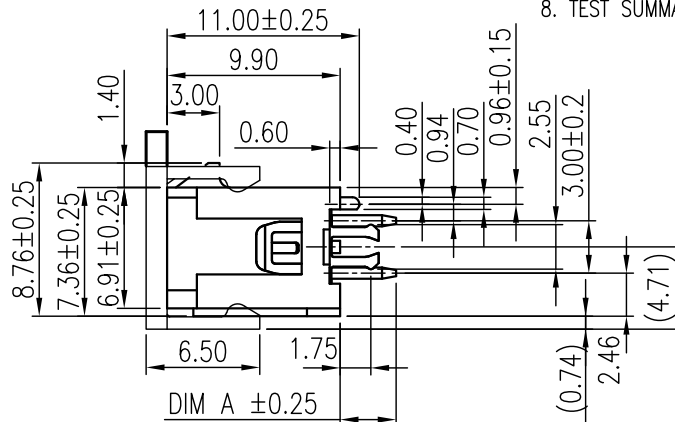
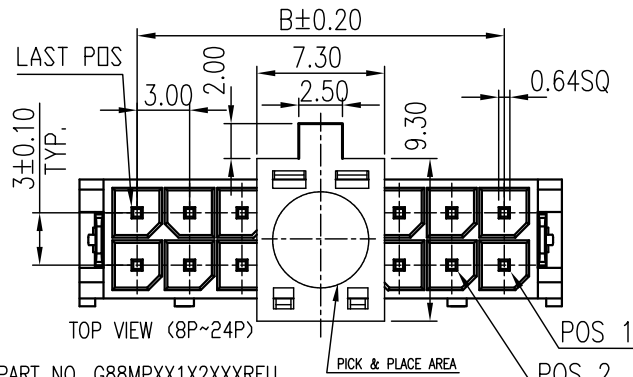
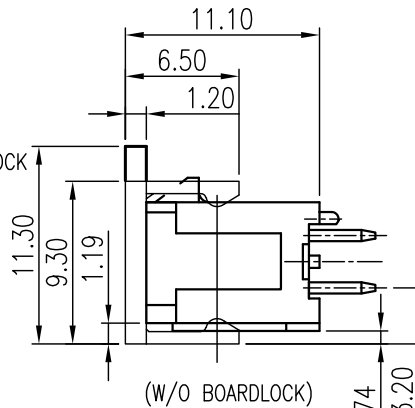
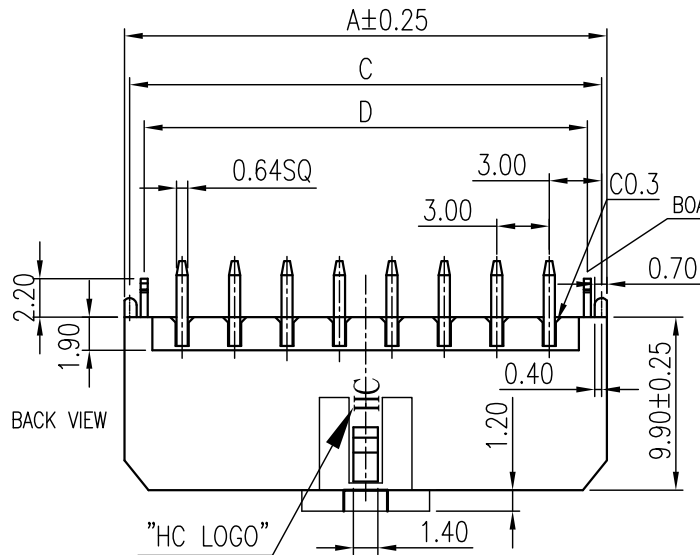
ORIGINAL



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 PACKAGNR OPTION FOR CLIPPING SPACE & DIM 2.20, 3.20	12/09/2020	Roger Tsai

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: 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.
- 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, AMPHENOL HIGH CURRENT PART NUMBERS IN THE CHART ARE RECOMMENDED.
(G88MPH CABLE HOUSING SERIES WITH G88MPC CABLE TERMINAL SERIES)
- PRODUCT SPECIFICATION REFER TO : PS-7528.
- TEST SUMMARY REFER TO : TS-7528-001.



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

PART NO. G88MPXX1X2XXXREU

No. OF CIRCUIT

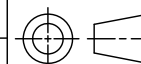
CONTACT FINISH
0: 100u" MATTE TIN
1: FULL GOLD FLASH
2: 15 u" GOLD
3: 30 u" GOLD

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

VARIATION CODE
NONE: NO CLIPPING SPACE
(PACKAGING DRAWING PLEASE REFER TO 4/5)
1: FOR CLIPPING SPACE (WITHOUT CAP)
(PACKAGING DRAWING PLEASE REFER TO 5/5)

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

TOLERANCE	APPROVALS	DATE	TITLE
X. ±0.30 X.X ±0.20 X.XX ±0.20 X.XXX ±0.10	DRAWN: Juda Liu CHECKED: Debby Hung	12/09/2020 12/09/2020	G88MP SERIES MICRO POWER PLUS, WAFER 3.00 MM PITCH STRAIGHT DIP, W/BLOCK (T&R PACKING)
ANGULAR ±1°	APPROVED: Roger Tsai	12/09/2020	
UNLESS OTHERWISE SPECIFIED	DWG TYPE: CUST DWG PROJECT CODE: PHD		



UNIT: mm
SCALE: NA

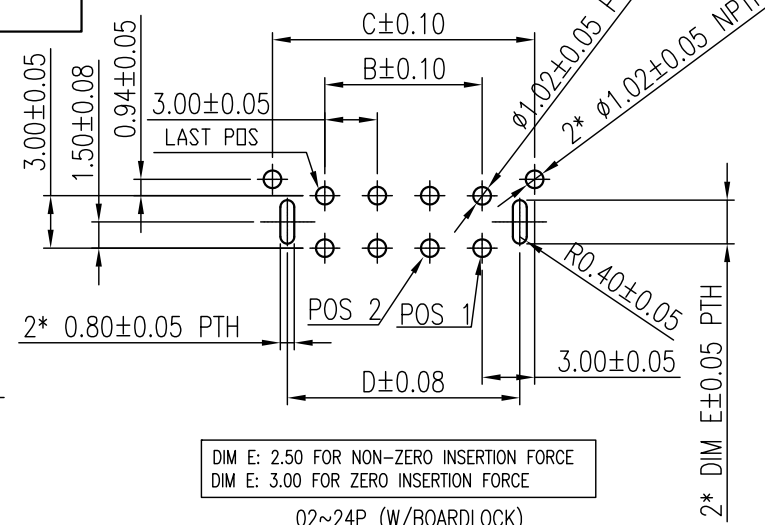
SIZE: A3
SHEET: 1 OF 5

Amphenol[®]
Amphenol Corporation
Amphenol Taiwan Corporation
PART No. G88MPXX1X2XXXREU
DWG No. G88MPXX1X2XXXREU
REV. E

ORIGINAL

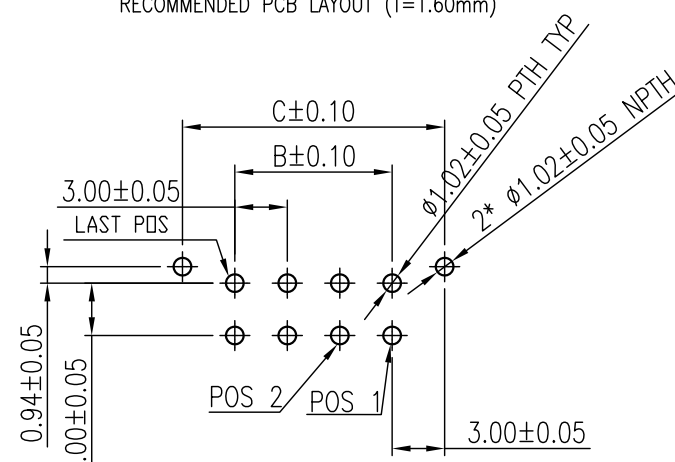
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E	NE-20177	ADD P/N PACKAGNR OPTION FOR CLIPPING SPACE & DIM 2.20, 3.20	12/09/2020	Roger Tsai

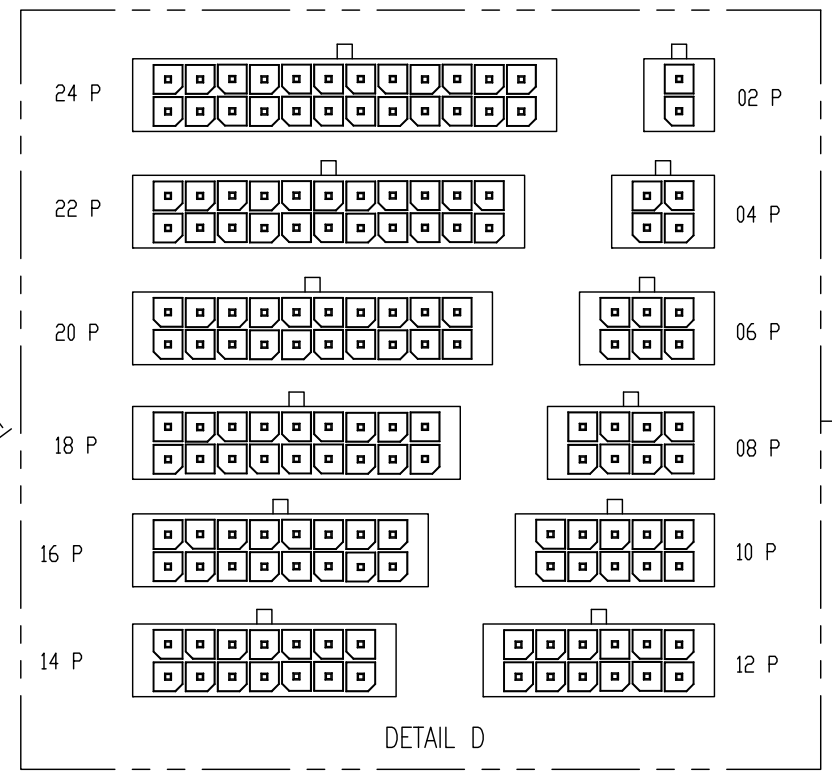
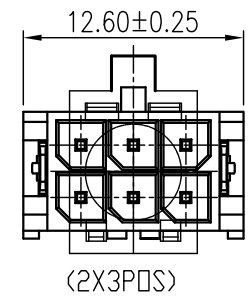
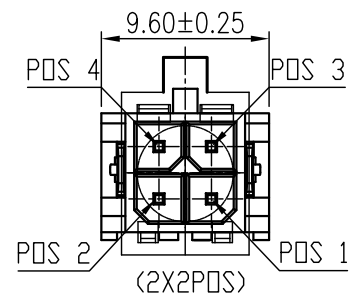
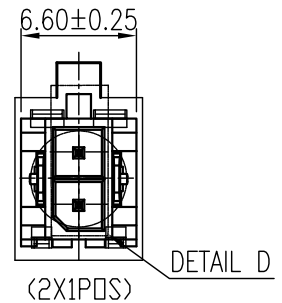


DIM E: 2.50 FOR NON-ZERO INSERTION FORCE
DIM E: 3.00 FOR ZERO INSERTION FORCE

02~24P (W/BOARDLOCK)
RECOMMENDED PCB LAYOUT (T=1.60mm)



02~24P (W/O BOARDLOCK)
RECOMMENDED PCB LAYOUT



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

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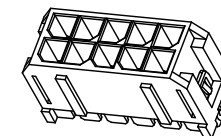


ORIGINAL

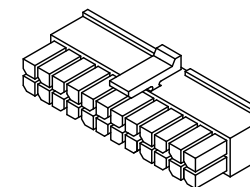


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E	NE-20177	ADD P/N PACKAGNR OPTION FOR CLIPPING SPACE & DIM 2.20, 3.20	12/09/2020	Roger Tsai

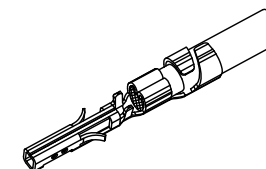
POS.	BOARD-MOUNT P/N	CABLE HOUSING P/N	CABLE TERMINAL P/N	AWG NO.	PLATING OPTIONS
02	G88MP021X2XXXREU	G88MPH0222CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: FLASH GOLD
			G88MPC0X32CEU	AWG#20~30	2: 15u" GOLD ; 3: 30u" GOLD
04	G88MP041X2XXXREU	G88MPH0422CEU	G88MPC0232XCEU	AWG#16~18	0: TIN 100u" ; 1: 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 Corporation Amphenol Taiwan Corporation						
X.		DRAWN	Juda Liu	12/09/2020								
X.X	±0.30	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	3 OF 5	DWG No.	G88MPXX1X2XXXREU
											REV.	E

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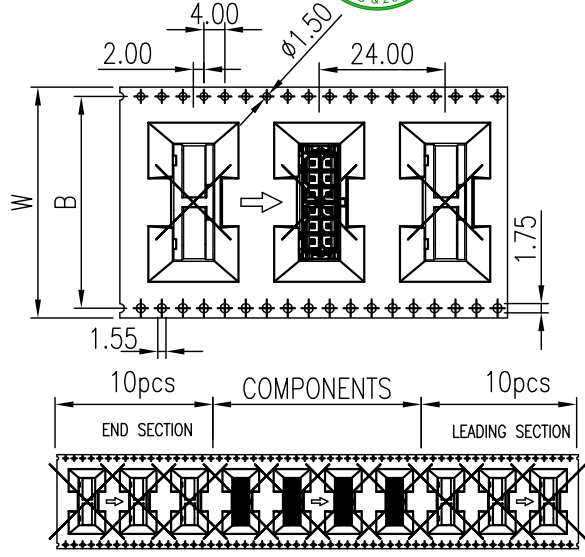
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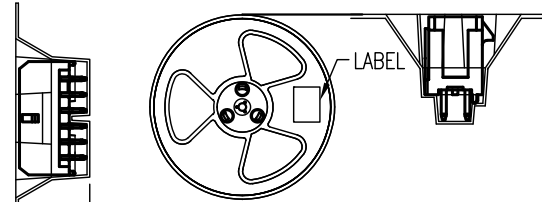
ORIGINAL



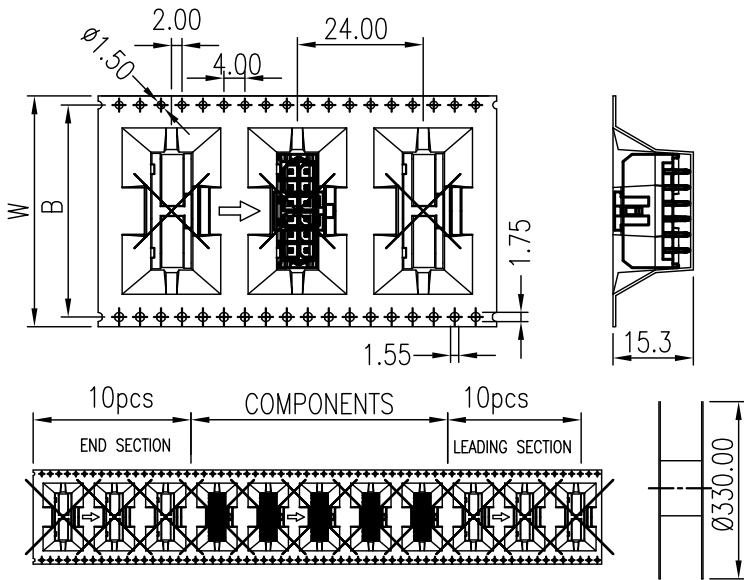
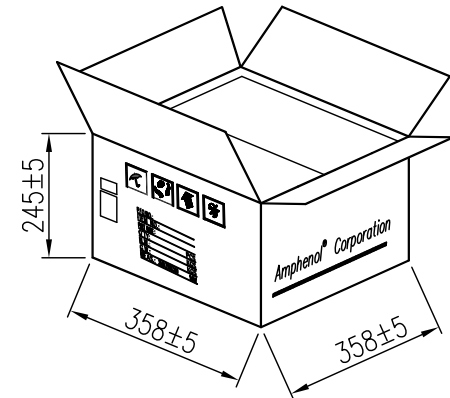
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E	NE-20177	ADD P/N PACKAGNR OPTION FOR CLIPPING SPACE & DIM 2.20, 3.20	12/09/2020	Roger Tsai



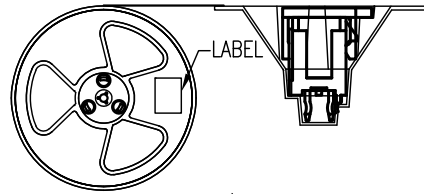
PULL OUT DIRECTION



W/O CAP



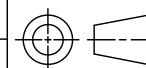
PULL OUT DIRECTION



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	PART No.		
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)	G88MPXX1X2XXXREU		
X.X ±0.20	CHECKED Debby Hung	12/09/2020		G88MPXX1X2XXXREU		
X.XXX ±0.10	APPROVED Roger Tsai	12/09/2020		G88MPXX1X2XXXREU		
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE PHD		UNIT mm	SIZE A3	REV. E
UNLESS OTHERWISE SPECIFIED				SCALE NA	SHEET 4 OF 5	



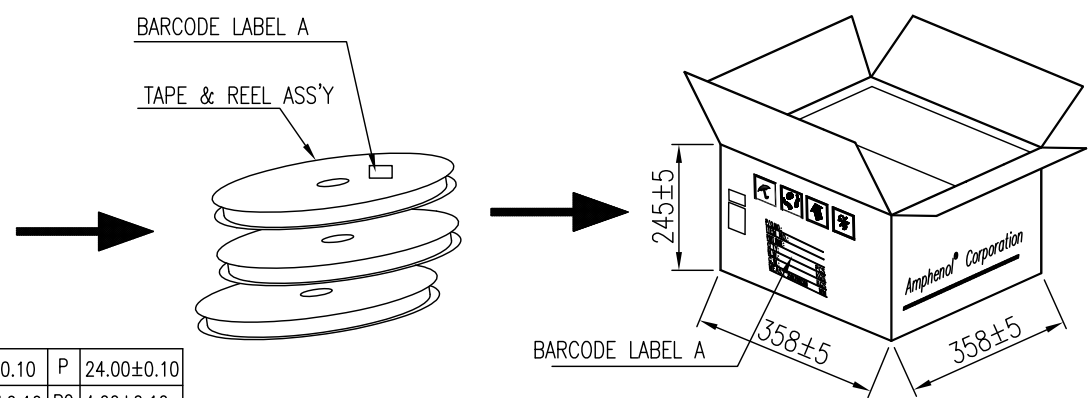
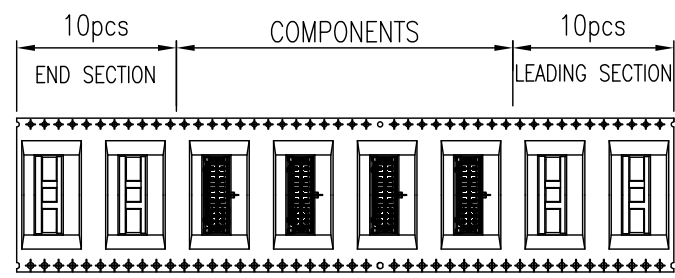
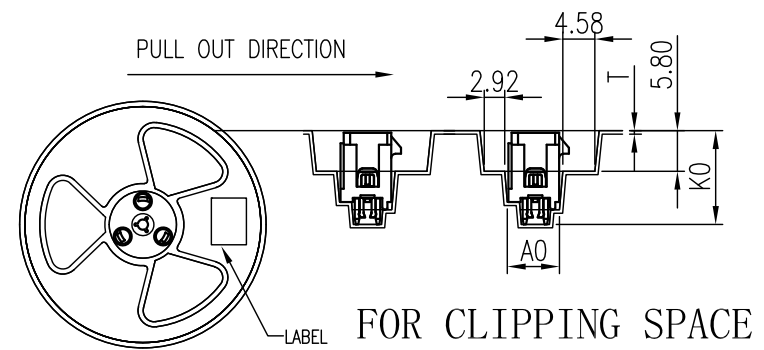
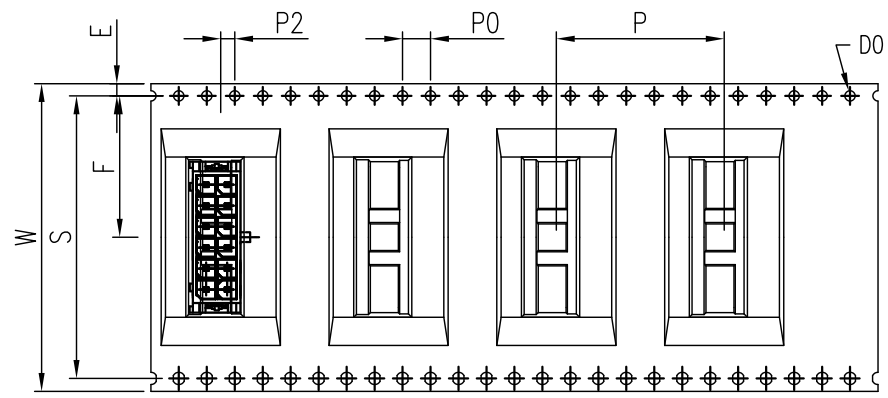
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E	NE-20177	ADD P/N PACKAGNR OPTION FOR CLIPPING SPACE & DIM 2.20, 3.20	12/09/2020	Roger Tsai



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	72.0	21.60			150	3	450
G88MP141X2XX1REU					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

AO	7.70±0.10	P	24.00±0.10
KO	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	∅1.50 ^{+0.10} _{-0.00}

TOLERANCE	APPROVALS	DATE	TITLE	Amphenol [®]	
X. ±0.30	DRAWN Jуда 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 ±0.20	CHECKED Debby Hung	12/09/2020		Amphenol Taiwan Corporation	
X.XXX ±0.10	APPROVED Roger Tsai	12/09/2020		PART No. G88MPXX1X2XXXREU	
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE PHD	UNIT mm	SIZE A3	DWG No. G88MPXX1X2XXXREU
UNLESS OTHERWISE SPECIFIED			SCALE NA	SHEET 5 OF 5	REV. E