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The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.

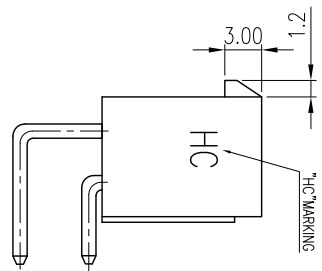


ORIGINAL

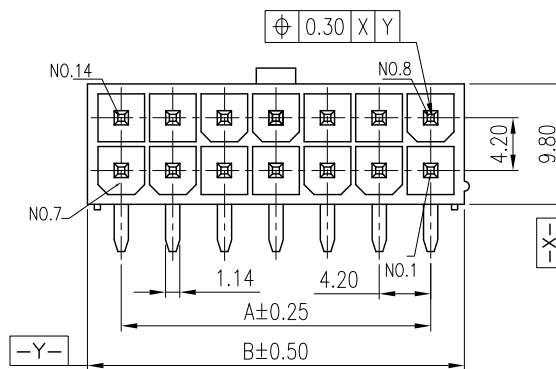
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-16059	RELEASE TO PRODUCTION	03/15/2016	Arron Lin

NOTES:

- MATERIAL:
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, OPTIONS, UL94V-0, COLOR: OPTIONS.
TERMINAL: HIGH PERFORMANCE COPPER ALLOY.
- FINISH:
TERMINAL:
CONTACT AREA: SELECTIVE PLATING;
SOLDERING AREA: GOLD OR TIN PLATING;
UNDER PLATING: NICKEL PLATING 50 μ " THICKNESS MIN. OVERALL.
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS PER DIRECTIVE 2011/65/EU FOR RoHS COMPLIANT.
- PRODUCT SPECIFICATION REFER TO : PS-7529
- TO ENSURE CURRENT RATING CAPABILITY, PLEASE ADOPT TOTAL SOLUTION.
(G87MPH CABLE HOUSING SERIES WITH G87MPC CABLE TERMINAL SERIES)

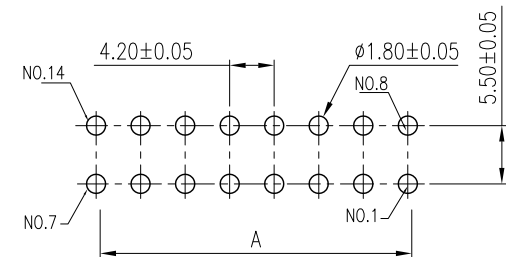
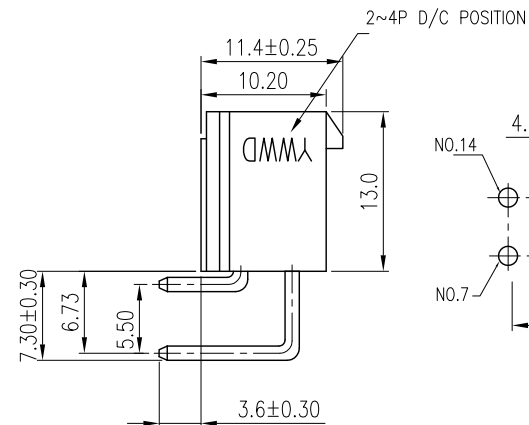
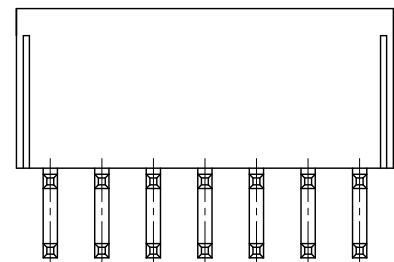


6~24P D/C POSITION



SEE TABLE G87MP XX 2 X 0 X X HR
PACKAGING
C: TRAY
T: TAPE&REEL

FINISH
0: FLASH GOLD (OVERALL)
2: 100u" Tin PLATED (OVERALL)
4: 15u" GOLD
5: 30u" GOLD
INSTULATOR
2: UL94V-0 LCP (NATURAL)
5: UL94V-0 LCP (BLACK)
6: UL94V-0 PA6T (NATURAL)
9: UL94V-0 PA6T (BLACK)



RECOMMENDED PCB LAYOUT

24	46.20	51.6
22	42.00	47.40
20	37.80	43.20
18	33.60	39.00
16	29.40	34.80
14	25.20	30.60
12	21.00	26.40
10	16.80	22.20
8	12.60	18.00
6	8.40	13.80
4	4.20	9.60
2		5.40
NO. OF POSITION	A	B
	DIMENSIONS	

TOLERANCE		APPROVALS	DATE	TITLE		G87MP SERIES MINI POWER PLUS CONN. 4.2 MM PITCH, HEADER R/A DIP TYPE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X.		DRAWN	Debby Hung								03/15/2016	
X.X	±0.30	CHECKED	Roger Tsai	03/15/2016			UNIT	mm	SIZE	A3	PART No.	G87MPXX2X0XXHR
X.XX	±0.20	APPROVED	Arron Lin	03/15/2016			SCALE	NA	SHEET	1 OF 5	DWG No.	G87MPXX2X0XXHR
X.XXX	±0.10	DWG TYPE	CUST DWG	PROJECT CODE	PHD							
ANGULAR		±1°										
UNLESS OTHERWISE SPECIFIED												

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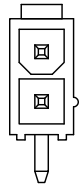
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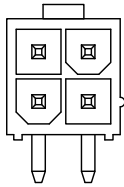
ORIGINAL



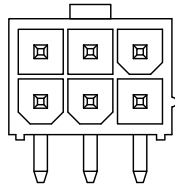
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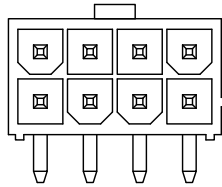
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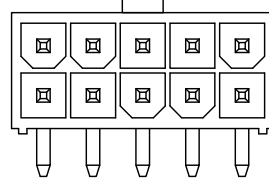
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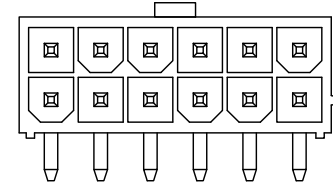
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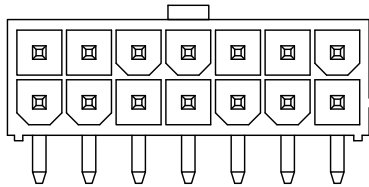
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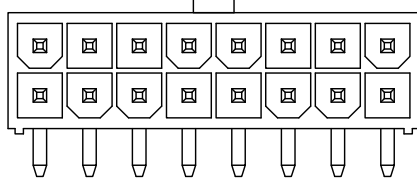
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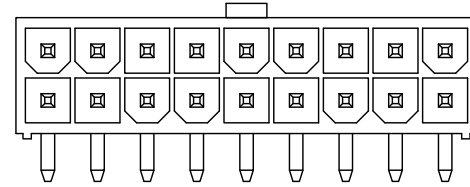
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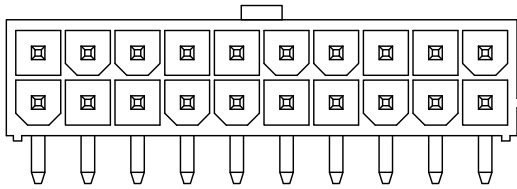
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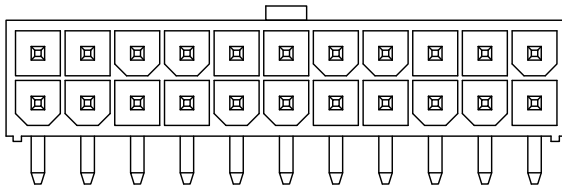
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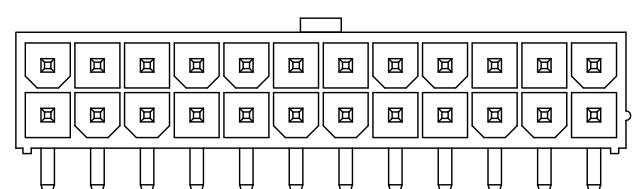
2*9



2*10



2*11



2*12

TOLERANCE		DRAWN APPROVALS		DATE	TITLE G87MP SERIES MINI POWER PLUS CONN. 4.2 MM PITCH, HEADER R/A DIP TYPE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X.		DESIGNED	Debby Hung	03/15/2016					
X.X	±0.30	CHECKED	Roger Tsai	03/15/2016					
X.XX	±0.20	APPROVED	Arron Lin	03/15/2016					
X.XXX	±0.10						PART No. G87MPXX2X0XXHR		
ANGULAR	±1°	DWG TYPE	CUST DWG	PROJECT CODE			DWG No. G87MPXX2X0XXHR		
UNLESS OTHERWISE SPECIFIED				PHD	UNIT	mm	SIZE	A3	REV. A
					SCALE	NA	SHEET	2 OF 5	

The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EC for RoHS compliant.

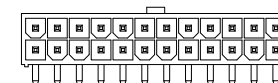


ORIGINAL

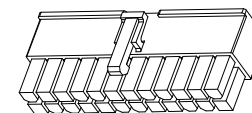


REVISIONS				
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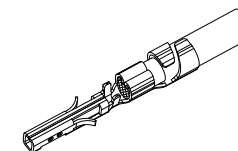
POS.	BOARD-MOUNT P/N	CABLE HOUSING P/N	CABLE TERMINAL P/N	AWG NO.	CABLE TERMINAL PLATING OPTIONS
02	G87MP022X0XXHR	G87MPH02XXCEU	G87MPC215XCEU	AWG#16~20	0: FLASH GOLD ; 1: 15u" GOLD ; 2: 30u" GOLD 3: 50u" TIN ; 4: 100u" TIN ; 5: 200u" TIN
04	G87MP042X0XXHR	G87MPH04XXCEU	G87MPC215XCEU	AWG#16~20	0: FLASH GOLD ; 1: 15u" GOLD ; 2: 30u" GOLD 3: 50u" TIN ; 4: 100u" TIN ; 5: 200u" TIN
06	G87MP062X0XXHR	G87MPH06XXCEU	G87MPC215XCEU	AWG#16~20	0: FLASH GOLD ; 1: 15u" GOLD ; 2: 30u" GOLD 3: 50u" TIN ; 4: 100u" TIN ; 5: 200u" TIN
08	G87MP082X0XXHR	G87MPH08XXCEU	G87MPC215XCEU	AWG#16~20	0: FLASH GOLD ; 1: 15u" GOLD ; 2: 30u" GOLD 3: 50u" TIN ; 4: 100u" TIN ; 5: 200u" TIN
10	G87MP102X0XXHR	G87MPH10XXCEU	G87MPC215XCEU	AWG#16~20	0: FLASH GOLD ; 1: 15u" GOLD ; 2: 30u" GOLD 3: 50u" TIN ; 4: 100u" TIN ; 5: 200u" TIN
12	G87MP122X0XXHR	G87MPH12XXCEU	G87MPC215XCEU	AWG#16~20	0: FLASH GOLD ; 1: 15u" GOLD ; 2: 30u" GOLD 3: 50u" TIN ; 4: 100u" TIN ; 5: 200u" TIN
14	G87MP142X0XXHR	G87MPH14XXCEU	G87MPC215XCEU	AWG#16~20	0: FLASH GOLD ; 1: 15u" GOLD ; 2: 30u" GOLD 3: 50u" TIN ; 4: 100u" TIN ; 5: 200u" TIN
16	G87MP162X0XXHR	G87MPH16XXCEU	G87MPC215XCEU	AWG#16~20	0: FLASH GOLD ; 1: 15u" GOLD ; 2: 30u" GOLD 3: 50u" TIN ; 4: 100u" TIN ; 5: 200u" TIN
18	G87MP182X0XXHR	G87MPH18XXCEU	G87MPC215XCEU	AWG#16~20	0: FLASH GOLD ; 1: 15u" GOLD ; 2: 30u" GOLD 3: 50u" TIN ; 4: 100u" TIN ; 5: 200u" TIN
20	G87MP202X0XXHR	G87MPH20XXCEU	G87MPC215XCEU	AWG#16~20	0: FLASH GOLD ; 1: 15u" GOLD ; 2: 30u" GOLD 3: 50u" TIN ; 4: 100u" TIN ; 5: 200u" TIN
22	G87MP222X0XXHR	G87MPH22XXCEU	G87MPC215XCEU	AWG#16~20	0: FLASH GOLD ; 1: 15u" GOLD ; 2: 30u" GOLD 3: 50u" TIN ; 4: 100u" TIN ; 5: 200u" TIN
24	G87MP242X0XXHR	G87MPH24XXCEU	G87MPC215XCEU	AWG#16~20	0: FLASH GOLD ; 1: 15u" GOLD ; 2: 30u" GOLD 3: 50u" TIN ; 4: 100u" TIN ; 5: 200u" TIN



AMPHENOL BOARD-MOUNT



AMPHENOL CABLE HOUSING

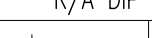


AMPHENOL CABLE TERMINAL

NOTE:

TO ENSURE CURRENT RATING CAPABILITY, PLEASE
ADOPT TOTAL SOLUTION.

(G87MPH CABLE HOUSING SERIES WITH G87MPC
CABLE TERMINAL SERIES)

TOLERANCE		DRAWN APPROVALS	DATE	TITLE G87MP SERIES MINI POWER PLUS CONN. 4.2 MM PITCH, HEADER R/A DIP TYPE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED Debby Hung	03/15/2016		UNIT mm	SIZE A3	PART No. G87MPXX2X0XXHR		
		CHECKED Roger Tsai	03/15/2016		SCALE NA	SHEET 3 OF 5	DWG No. G87MPXX2X0XXHR		
		APPROVED Arron Lin	03/15/2016		REV. A				
ANGULAR ±1°									
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG	PROJECT CODE PHD						

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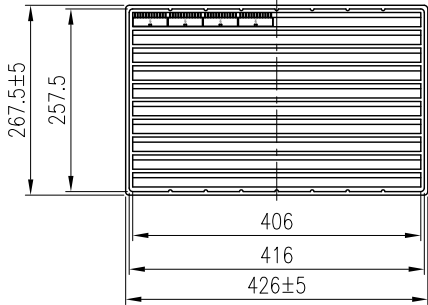
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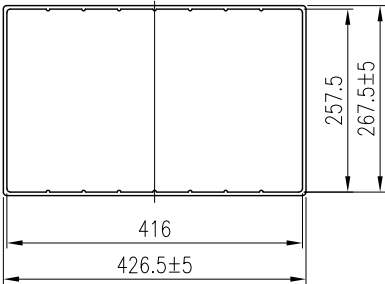
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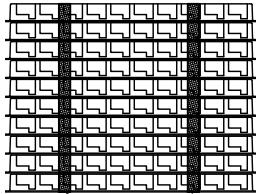
REVISIONS			
SYM	ECN No.	DESCRIPTION	DATE
A	NE-16059	RELEASE TO PRODUCTION	03/15/2016
			APPROVED
			Arron Lin



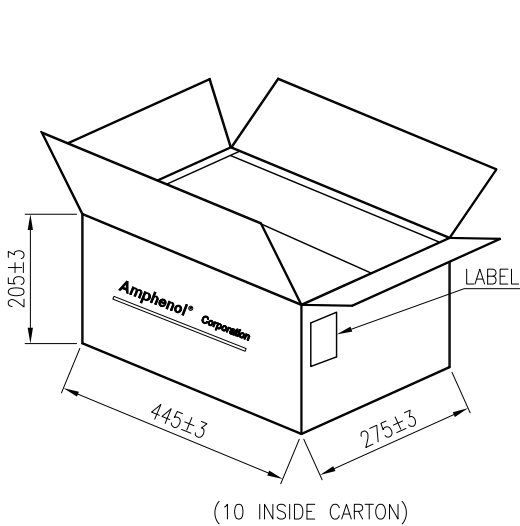
TRAY BOTTOM COVER



TRAY TOP COVER



PE MEMBRANE



POS	PCS/TRAY	PCS/CARTON
02	560	5600
04	320	3200
06	230	2300
08	180	1800
10	140	1400
12	120	1200
14	100	1000
16	90	900
18	80	800
20	70	700
22	60	600
24	60	600

TOLERANCE		DRAWN	APPROVALS	DATE	TITLE G87MP SERIES MINI POWER PLUS CONN. 4.2 MM PITCH, HEADER R/A DIP TYPE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation				
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED Debby Hung	03/15/2016									
		CHECKED	Roger Tsai	03/15/2016				PART No.		G87MPXX2X0XXHR		
ANGULAR ±1°		APPROVED	Arron Lin	03/15/2016				UNIT mm SIZE A3				
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE PHD	SCALE NA		SHEET 4 OF 5		DWG No.	G87MPXX2X0XXHR	REV.	A

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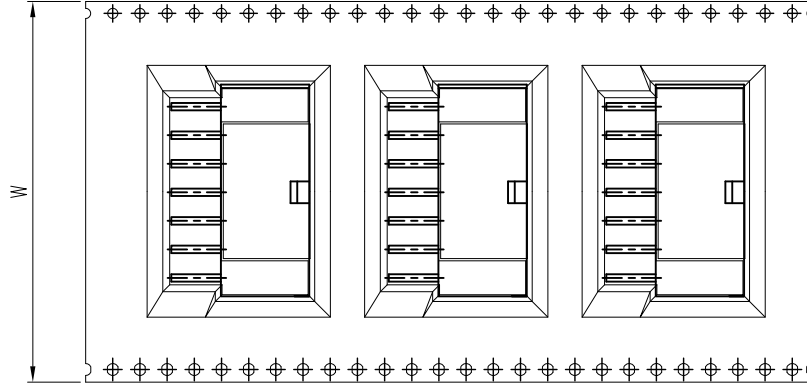
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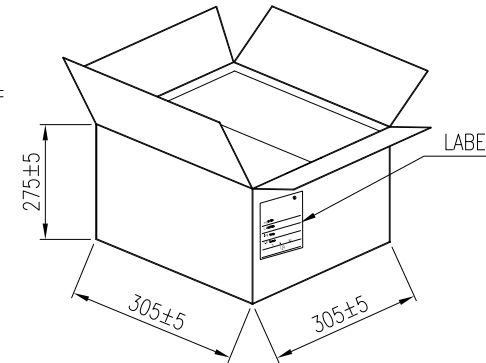
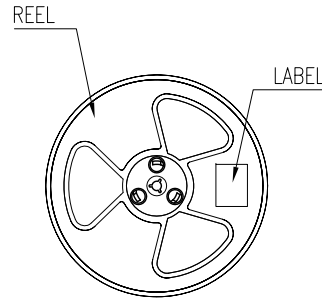
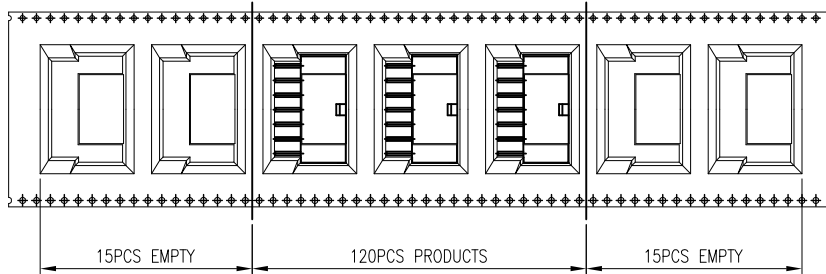
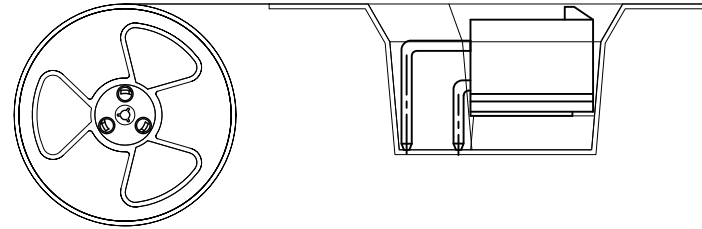
ORIGINAL



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PULL OUT DIRECTION



PCS REEL	REELS CARTON	QUANTITY (PCS)	W	POS.
120	8	960	24.0	02
120	8	960		04
120	7	840	32.0	06
120	5	600	44.0	08
120	5	600		10
120	5	600		12
120	4	480	56.0	14
120	4	480		16
120	4	480		18
120	3	360	72.0	20
120	3	360		22
120	3	360		24

TOLERANCE		DRAWN APPROVALS		DATE	TITLE G87MP SERIES MINI POWER PLUS CONN. 4.2 MM PITCH, HEADER R/A DIP TYPE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED Debby Hung		03/15/2016							
		CHECKED Roger Tsai		03/15/2016							
		APPROVED Arron Lin		03/15/2016							
ANGULAR ±1°						UNIT mm	SIZE A3	PART No. G87MPXX2X0XXHR			
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE PHD			SCALE NA	SHEET 5 OF 5	DWG No. G87MPXX2X0XXHR		REV. A