

This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

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		RELEASE TO PRODUCTION	09/06/2011	Roger Tsai
B	NE-13041	REMOVED NYLON46/WITHOUT CAP OPTION	03/26/2013	Roger Tsai
C	NE-13180	ADDED PCB OPTION & LOGO NOTE	11/05/2013	Roger Tsai
D	NE-14011	MODIFIED 164 POS. PACKAGING	01/16/2014	Roger Tsai
E	NE-16005	ADD PCB OPTION & DIM /UPDATE TO MATTE TIN	01/21/2016	Arron Lin
F	NE-16224	ADDING WORDING (FIXTURE) DESCRIPTION	10/04/2016	Arron Lin
A1	NE-17289	CHANGE PACKAGE INNER MATERIAL TO VACUUM ALUMINUM BAG	11/21/2017	Roger Tsai



NOTES:

- MATERIAL:
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, UL94V-0, COLOR: BLACK.
TERMINAL: COPPER ALLOY.
- FINISH:
TERMINAL:
CONTACT AREA: SELECTED GOLD PLATING;
SOLDERING AREA: MATTE TIN PLATING 100 μ " THICKNESS MIN.;
UNDER PLATING: NICKEL PLATING 50 μ " THICKNESS MIN. OVERALL.
- PRODUCT SPECIFICATION REFER TO : PS-7482.
- TEST SUMMARY REFER TO : TS-7482-001.
- PACKING IS PER AMTA PACKING SPECIFICATION PKS-0001.
- THIS PRODUCT IS LEAD-FREE & RoHS COMPLIANT PRODUCT.

PART NO. G630HXXX2XXXEU

NO. OF POSITION
36: 36 POSITIONS
64: 64 POSITIONS
98: 98 POSITIONS
AA: 164 POSITIONS

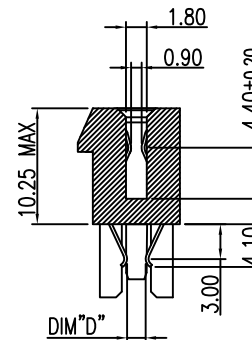
CONTACT FINISH
0: GOLD FLASH
1: 15 μ " GOLD
2: 30 μ " GOLD
3: 10 μ " GOLD

INSULATOR MATERIAL
2: NYLON 9T

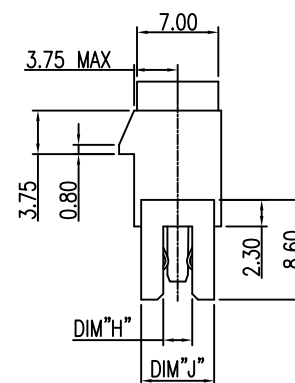
PCB THICKNESS/DIM D / DIM H
6: 2.08 MM / 1.60MM / 2.50MM
7: 2.30 MM / 1.90MM / 2.50MM
8: 1.57 MM / 1.20MM / 2.50MM (Fixture)
A: 2.36 MM / 1.90MM / 2.80MM
B: 2.36 MM / 2.10MM / 2.80MM
D: 1.57 MM / 1.20MM / 1.70MM
E: 1.83 MM / 1.60MM / 2.50MM

CAP OPTION
4: CAP

DIM "K"	DIM "J"	DIM "H"	DIM "D"	PCB THICKNESS
Ø2.20	6.30	2.50	1.60	2.08 MM
Ø2.20	6.30	2.50	1.90	2.30 MM
Ø2.20	6.30	2.50	1.20	1.57 MM
Ø2.20	6.30	2.80	1.90	2.36±0.24 MM
Ø2.20	6.30	2.80	2.10	2.36 MM
Ø2.00	5.00	1.70	1.20	1.57 MM
Ø2.20	6.30	2.50	1.60	1.83 MM



SECTION P-P



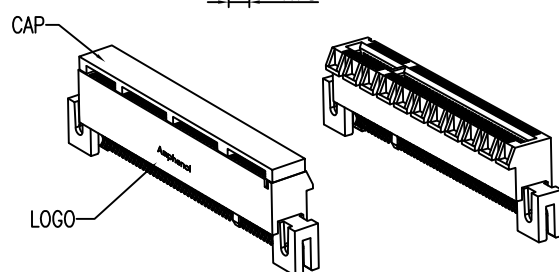
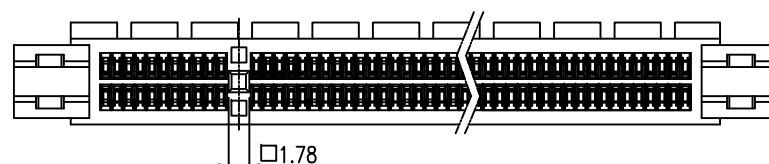
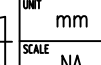
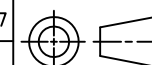
POSITION	DIM "A"	DIM "B"	DIM "C"	DIM "E"
36	7.65	25.00	12.30	7.50
64	21.65	39.00	26.30	21.50
98	38.65	56.00	43.30	38.50
164	71.65	89.00	76.30	71.50

TOLERANCE	APPROVALS	DATE	TITLE
X. ±0.30	DRAWN Sandy Wu	11/21/2017	G630H SERIES, PCI EXPRESS 3.0 STRAIGHT, STRADDLE TYPE
X.X ±0.20	CHECKED Debby Hung	11/21/2017	
X.XX ±0.10	APPROVED Roger Tsai	11/21/2017	
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE SLOT	
UNLESS OTHERWISE SPECIFIED			

UNIT	SIZE	SCALE	SHEET	PART No.	DWG No.	REV.
mm	A3	NA	1 OF 5	G630HXXX2XXXEU	G630HXXX2XXXEU	A1

Amphenol®

Amphenol Corporation
Amphenol Taiwan Corporation



This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

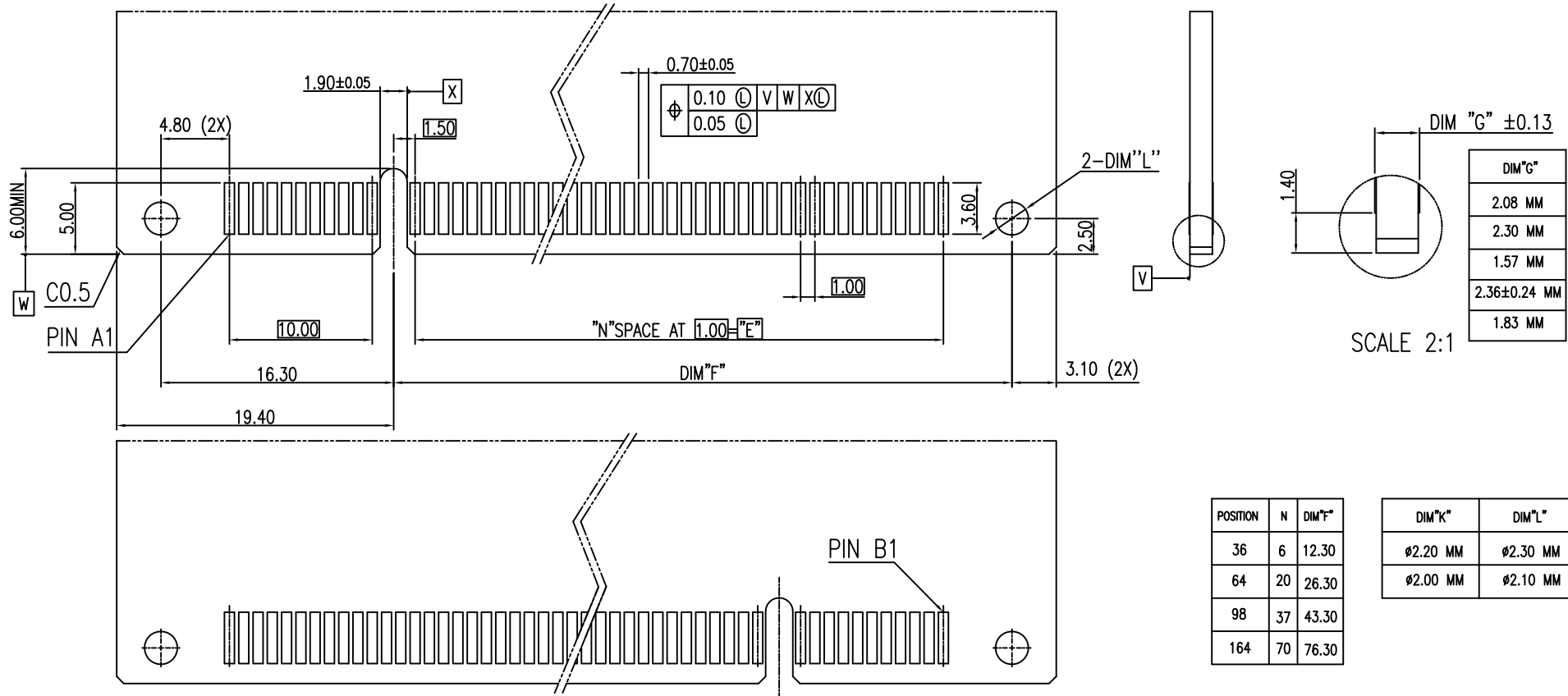
The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.



ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		RELEASE TO PRODUCTION	09/06/2011	Roger Tsai
B	NE-13041	REMOVED NYLON46/WITHOUT CAP OPTION	03/26/2013	Roger Tsai
C	NE-13180	ADDED PCB OPTION & LOGO NOTE	11/05/2013	Roger Tsai
D	NE-14011	MODIFIED 164 POS. PACKAGING	01/16/2014	Roger Tsai
E	NE-16005	ADD PCB OPTION & DIM /UPDATE TO MATTE TIN	01/21/2016	Arron Lin
F	NE-16224	ADDING WORDING (FIXTURE) DESCRIPTION	10/04/2016	Arron Lin
A1	NE-17289	CHANGE PACKAGE INNER MATERIAL TO VACUUM ALUMINUM BAG	11/21/2017	Roger Tsai



RECOMMEND OF PCB DIMENSIONS

TOLERANCE		APPROVALS		DATE	TITLE		Amphenol®	
X.		DRAWN	Sandy Wu	11/21/2017				
X.X	±0.30	CHECKED	Debby Hung	11/21/2017	G630H SERIES, PCI EXPRESS 3.0 STRAIGHT, STRADDLE TYPE		Amphenol Corporation Amphenol Taiwan Corporation	
X.XX	±0.20							
X.XXX	±0.10	APPROVED	Roger Tsai	11/21/2017		UNIT mm	SIZE A3	PART No. G630HXXX2XXXEU
ANGULAR	±1°	DWG TYPE	CUST DWG	PROJECT CODE		SCALE NA	SHEET 2 OF 5	DWG No. G630HXXX2XXXEU
UNLESS OTHERWISE SPECIFIED				SLOT			REV. A1	

This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

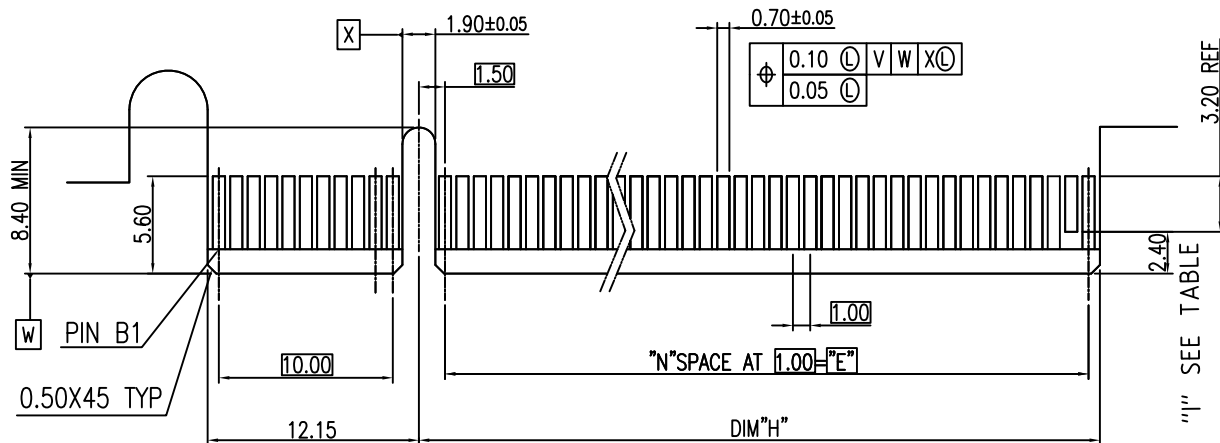
The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.



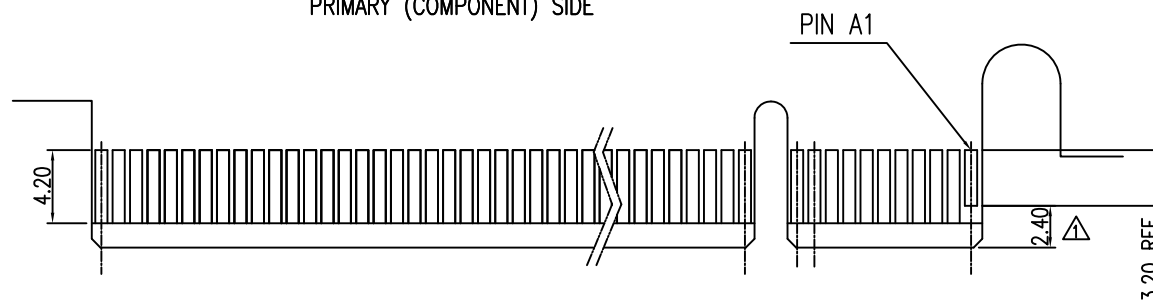
ORIGINAL



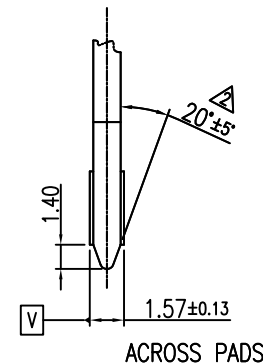
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		RELEASE TO PRODUCTION	09/06/2011	Roger Tsai
B	NE-13041	REMOVED NYLON46/WITHOUT CAP OPTION	03/26/2013	Roger Tsai
C	NE-13180	ADDED PCB OPTION & LOGO NOTE	11/05/2013	Roger Tsai
D	NE-14011	MODIFIED 164 POS. PACKAGING	01/16/2014	Roger Tsai
E	NE-16005	ADD PCB OPTION & DIM /UPDATE TO MATTE TIN	01/21/2016	Arron Lin
F	NE-16224	ADDING WORDING (FIXTURE) DESCRIPTION	10/04/2016	Arron Lin
A1	NE-17289	CHANGE PACKAGE INNER MATERIAL TO VACUUM ALUMINUM BAG	11/21/2017	Roger Tsai



I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE

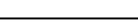


I/O PANEL DIRECTION
SECONDARY (SOLDER) SIDE



- NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND PIN "1"
- CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
- TOLERANCE: .XX±.13

POSITION	N	DIM "H"	PIN "1"
36	6	8.15	B17
64	20	22.15	B31
98	37	39.15	B48
164	70	72.15	B81

TOLERANCE		APPROVALS		DATE	TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation								
X.		DRAWN	Sandy Wu	11/21/2017	G630H SERIES, PCI EXPRESS 3.0 STRAIGHT, STRADDLE TYPE											
X.X	±0.30	CHECKED	Debby Hung	11/21/2017												
X.XX	±0.20	APPROVED	Roger Tsai	11/21/2017												
X.XXX	±0.10															
ANGULAR ±1°																
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE	SLOT				UNIT	mm	SIZE	A3	PART No.	G630HXXX2XXXEU		
									SCALE	NA	SHEET	3 OF 5	DWG No.	G630HXXX2XXXEU	REV.	A1

This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

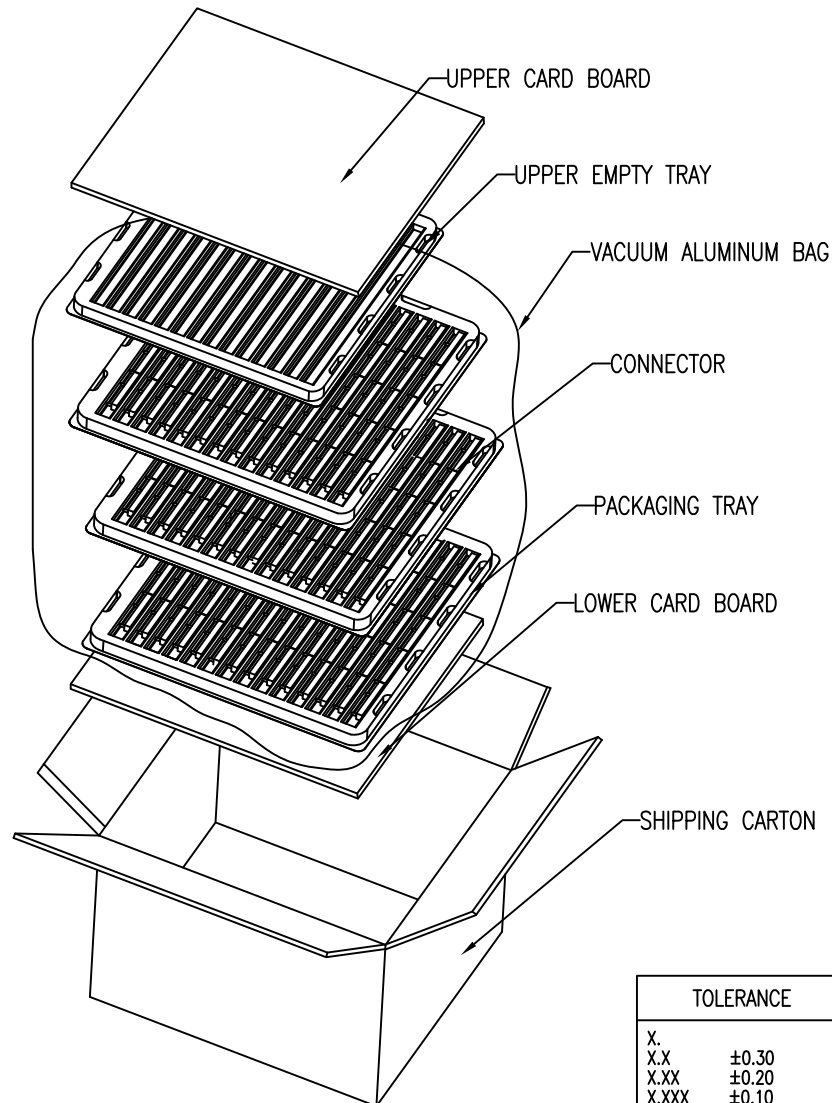
The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.



ORIGINAL

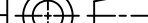


REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		RELEASE TO PRODUCTION	09/06/2011	Roger Tsai
B	NE-13041	REMOVED NYLON46/WITHOUT CAP OPTION	03/26/2013	Roger Tsai
C	NE-13180	ADDED PCB OPTION & LOGO NOTE	11/05/2013	Roger Tsai
D	NE-14011	MODIFIED 164 POS. PACKAGING	01/16/2014	Roger Tsai
E	NE-16005	ADD PCB OPTION & DIM /UPDATE TO MATTE TIN	01/21/2016	Arron Lin
F	NE-16224	ADDING WORDING (FIXTURE) DESCRIPTION	10/04/2016	Arron Lin
A1	NE-17289	CHANGE PACKAGE INNER MATERIAL TO VACUUM ALUMINUM BAG	11/21/2017	Roger Tsai



CIRCUIT SIZE	36	64	98
PARTS PER CARTON<S.P.Q>	1755	1170	975
PARTS PER TRAY	117	78	65
TOTEL TRAY PER CARTON	16	16	16

- NOTES:
1. STAPLES SHOULD ONLY BE USED TO SET UP CARTON. ALL CARTON CLOSURES MUST BE DONE WITH TAPE.
 2. FILL PACKAGING TRAYS WITH THE QUANTITIES AS INDICATED IN THE CHART.
- 3 IN THE 16 PLASTIC TRAYS ,THE TOP PLASTIC TRAY IS TO COVER THE CONNECTORS ,THE OTHERS ARE FILLED WITH CONNECTORS.

TOLERANCE		APPROVALS		DATE	TITLE			Amphenol®									
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN		Sandy Wu	11/21/2017	G630H SERIES, PCI EXPRESS 3.0 STRAIGHT, STRADDLE TYPE			Amphenol Corporation Amphenol Taiwan Corporation								
		CHECKED		Debby Hung	11/21/2017												
		APPROVED		Roger Tsai	11/21/2017												
ANGULAR ±1°							UNIT	mm	SIZE	A3	PART No.	G630HXXX2XXXEU					
UNLESS OTHERWISE SPECIFIED		DWG TYPE		CUST DWG		PROJECT CODE	SLOT			SCALE	NA	SHEET	4 OF 5	DWG No.	G630HXXX2XXXEU	REV.	A1

This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

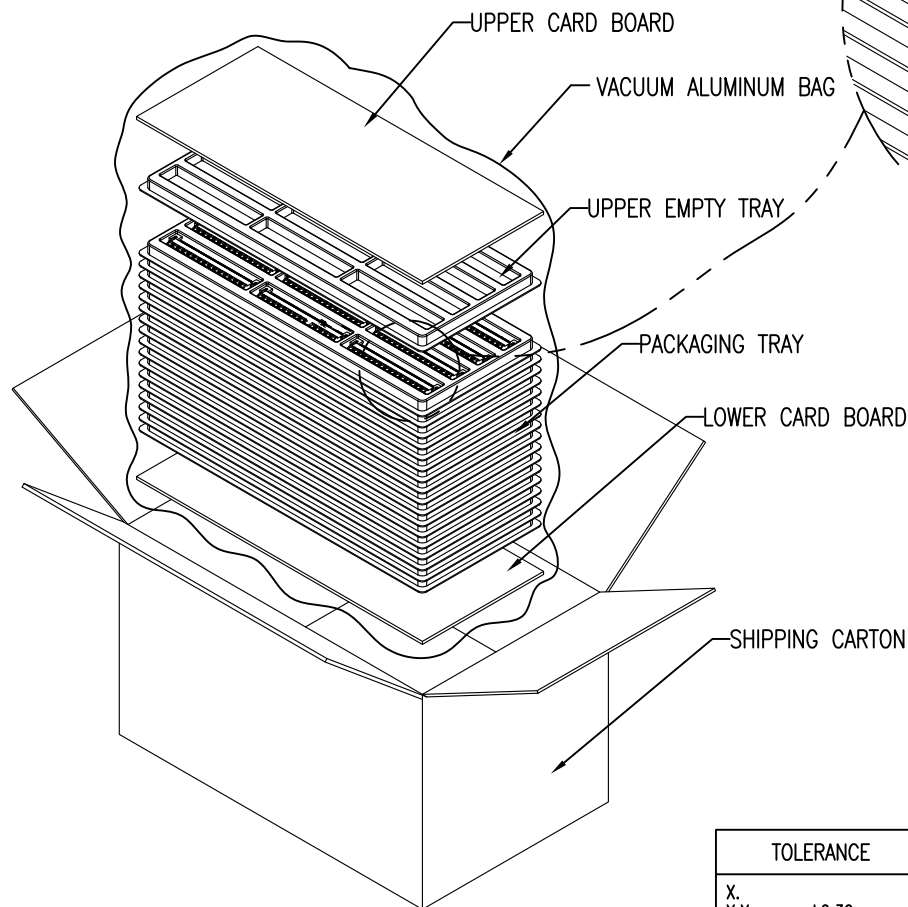
The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.



ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		RELEASE TO PRODUCTION	09/06/2011	Roger Tsai
B	NE-13041	REMOVED NYLON46/WITHOUT CAP OPTION	03/26/2013	Roger Tsai
C	NE-13180	ADDED PCB OPTION & LOGO NOTE	11/05/2013	Roger Tsai
D	NE-14011	MODIFIED 164 POS. PACKAGING	01/16/2014	Roger Tsai
E	NE-16005	ADD PCB OPTION & DIM /UPDATE TO MATTE TIN	01/21/2016	Arron Lin
F	NE-16224	ADDING WORDING (FIXTURE) DESCRIPTION	10/04/2016	Arron Lin
A1	NE-17289	CHANGE PACKAGE INNER MATERIAL TO VACUUM ALUMINUM BAG	11/21/2017	Roger Tsai



CIRCUIT SIZE	164
PARTS PER CARTON<S.P.Q>	204
PARTS PER TRAY	12
TOTEL TRAY PER CARTON	18

NOTES:

1. STAPLES SHOULD ONLY BE USED TO SET UP CARTON. ALL CARTON CLOSURES MUST BE DONE WITH TAPE.
2. FILL PACKAGING TRAYS WITH THE QUANTITIES AS INDICATED IN THE CHART.
3. IN THE 18 PLASTIC TRAYS ,THE TOP PLASTIC TRAY IS TO COVER THE CONNECTORS ,THE OTHERS ARE FILLED WITH CONNECTORS.

TOLERANCE		APPROVALS		DATE	TITLE		Amphenol®			
X.		DRAWN	Sandy Wu	11/21/2017	G630H SERIES, PCI EXPRESS 3.0 STRAIGHT, STRADDLE TYPE		Amphenol Corporation Amphenol Taiwan Corporation			
X.X	±0.30	CHECKED	Debby Hung	11/21/2017						
X.XX	±0.20	APPROVED	Roger Tsai	11/21/2017						
X.XXX	±0.10						PART No. G630HXXX2XXXEU			
ANGULAR	±1°									
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE	SLOT			DWG No. G630HXXX2XXXEU		REV. A1

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9