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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		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

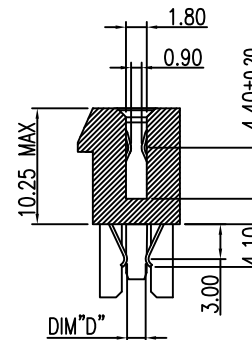
CONTACT FINISH
0: GOLD FLASH
1: 15 μ " GOLD
2: 30 μ " GOLD
3: 10 μ " GOLD

INSULATOR MATERIAL
2: NYLON 9T

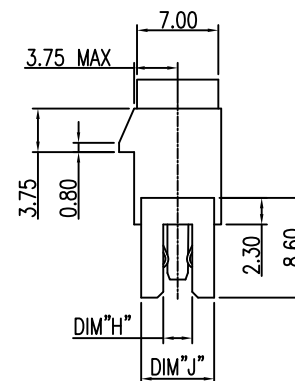
PCB THICKNESS/DIM D / DIM H
6: 2.08 MM / 1.60MM / 2.50MM
7: 2.30 MM / 1.90MM / 2.50MM
8: 1.57 MM / 1.20MM / 2.50MM (Fixture)
A: 2.36 MM / 1.90MM / 2.80MM
B: 2.36 MM / 2.10MM / 2.80MM
D: 1.57 MM / 1.20MM / 1.70MM
E: 1.83 MM / 1.60MM / 2.50MM

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



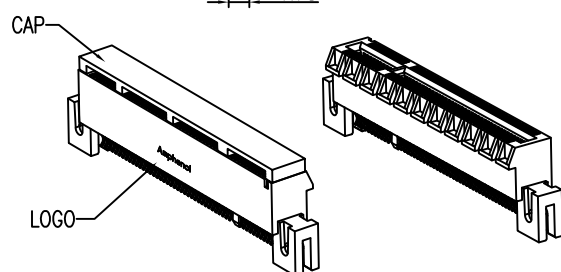
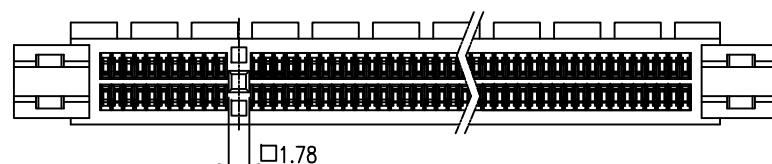
SECTION P-P



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	PART No.	
mm		A3	G630HXXX2XXXEU	
SCALE		1 OF 5	DWG No. G630HXXX2XXXEU	
			REV. A1	



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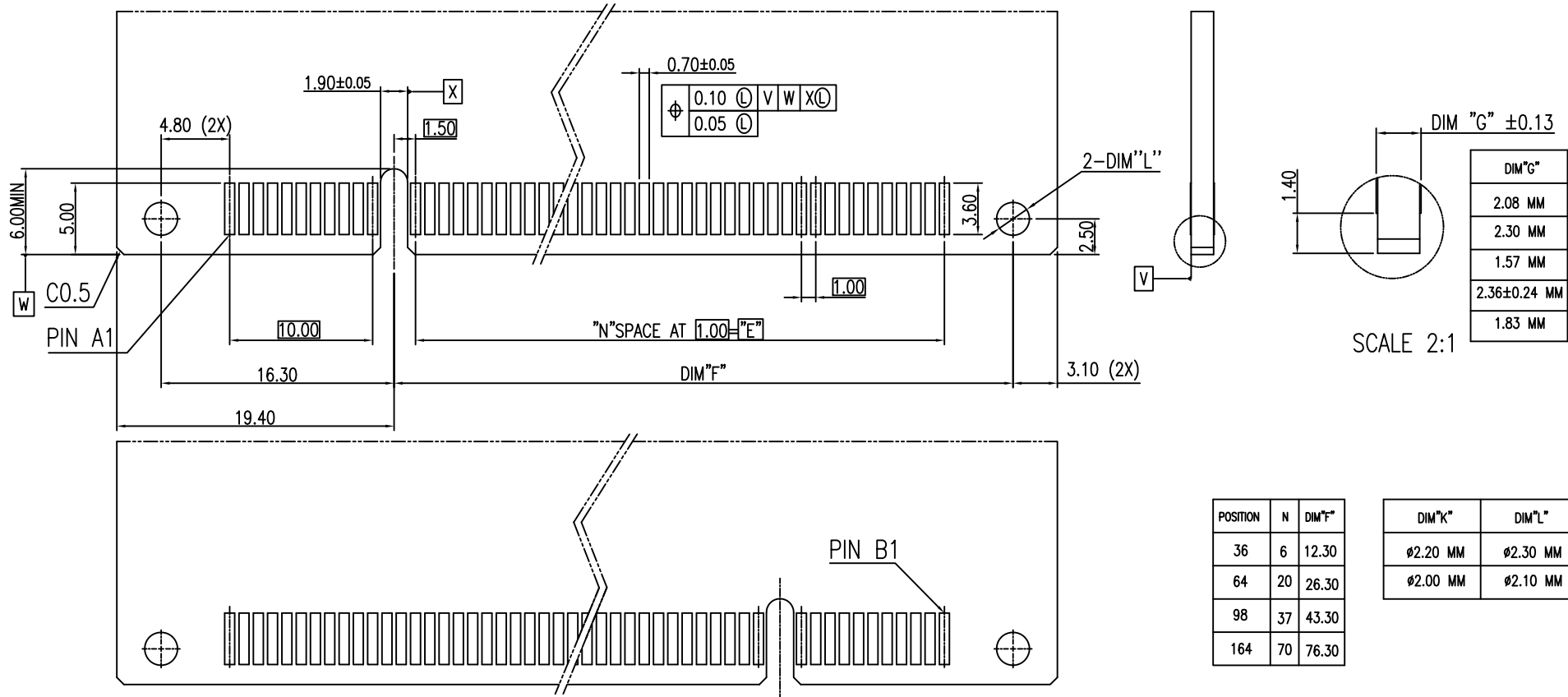
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ORIGINAL



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RECOMMEND OF PCB DIMENSIONS

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	2 OF 5	DWG No. G630HXXX2XXXEU	REV.	A1

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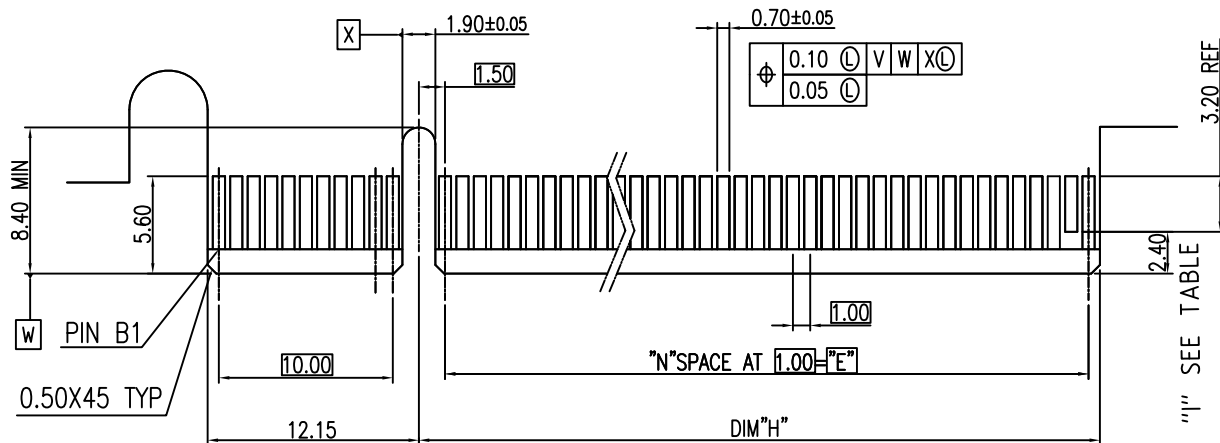
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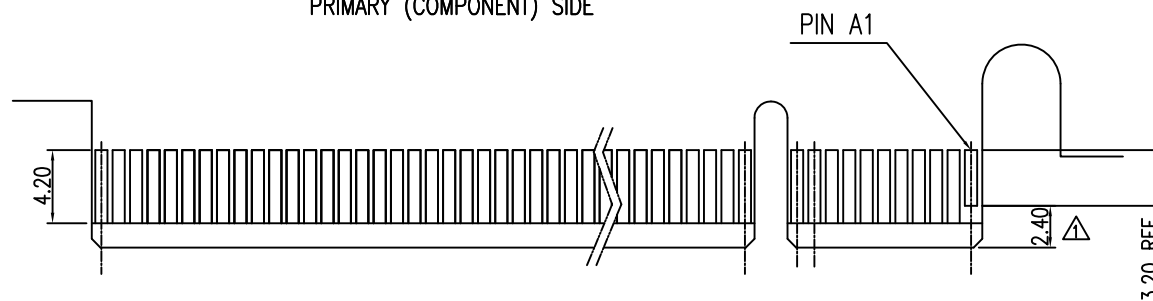
ORIGINAL



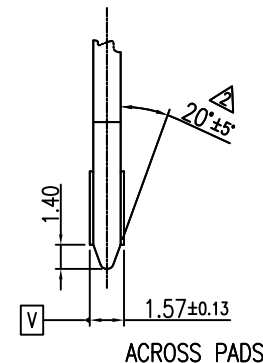
REVISIONS				
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I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE

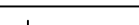


I/O PANEL DIRECTION
SECONDARY (SOLDER) SIDE



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

POSITION	N	DIM "H"	PIN "I"
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®			
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°	DWG TYPE		CUST DWG	PROJECT CODE	SLOT		UNIT mm	SIZE A3	PART No.	G630HXXX2XXXEU		
UNLESS OTHERWISE SPECIFIED	DWG No.		G630HXXX2XXXEU		REV.	A1						

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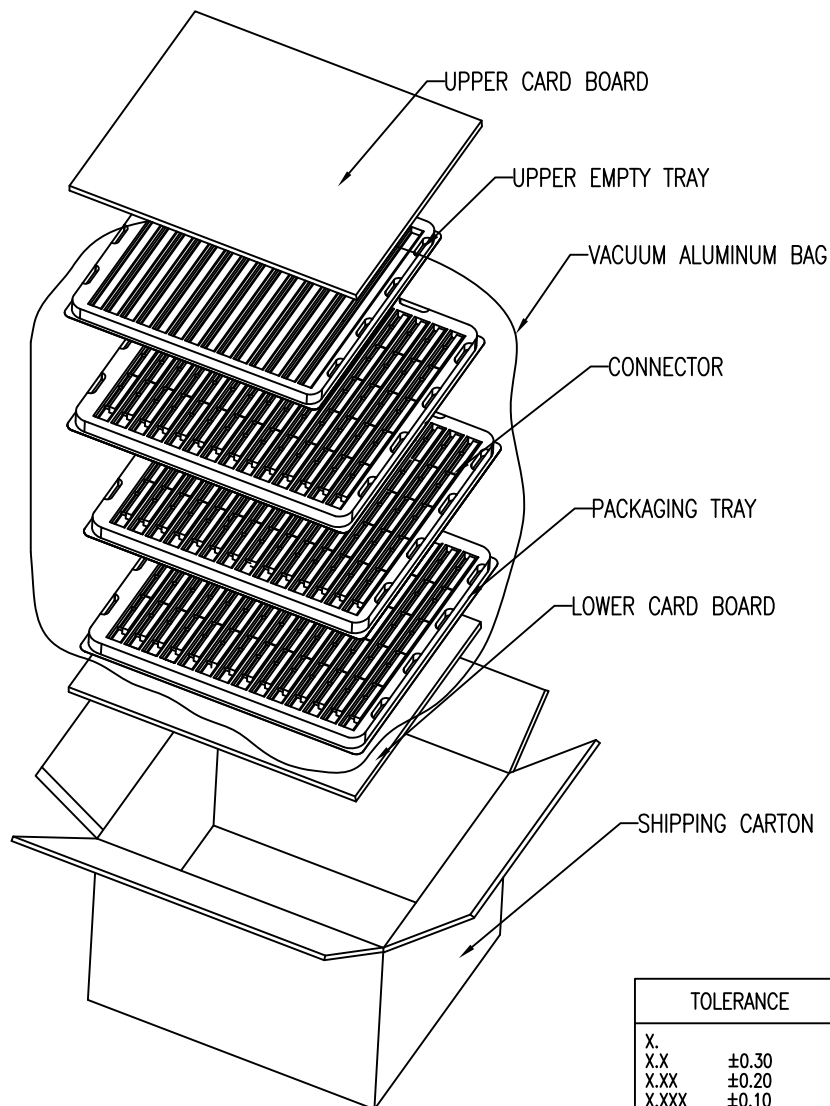
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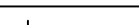
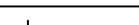


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CIRCUIT SIZE	36	64	98
PARTS PER CARTON<S.P.Q>	1755	1170	975
PARTS PER TRAY	117	78	65
TOTEL TRAY PER CARTON	16	16	16

- NOTES:
1. STAPLES SHOULD ONLY BE USED TO SET UP CARTON. ALL CARTON CLOSERS 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 X.XX X.XXX	±0.30 ±0.20 ±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°														
UNLESS OTHERWISE SPECIFIED		DWG TYPE		CUST DWG	PROJECT CODE		SLOT		UNIT	mm	SIZE	A3	PART No.		G630HXXX2XXXEU			
									SCALE	NA	SHEET	4	OF	5	DWG No.	G630HXXX2XXXEU	REV.	A1

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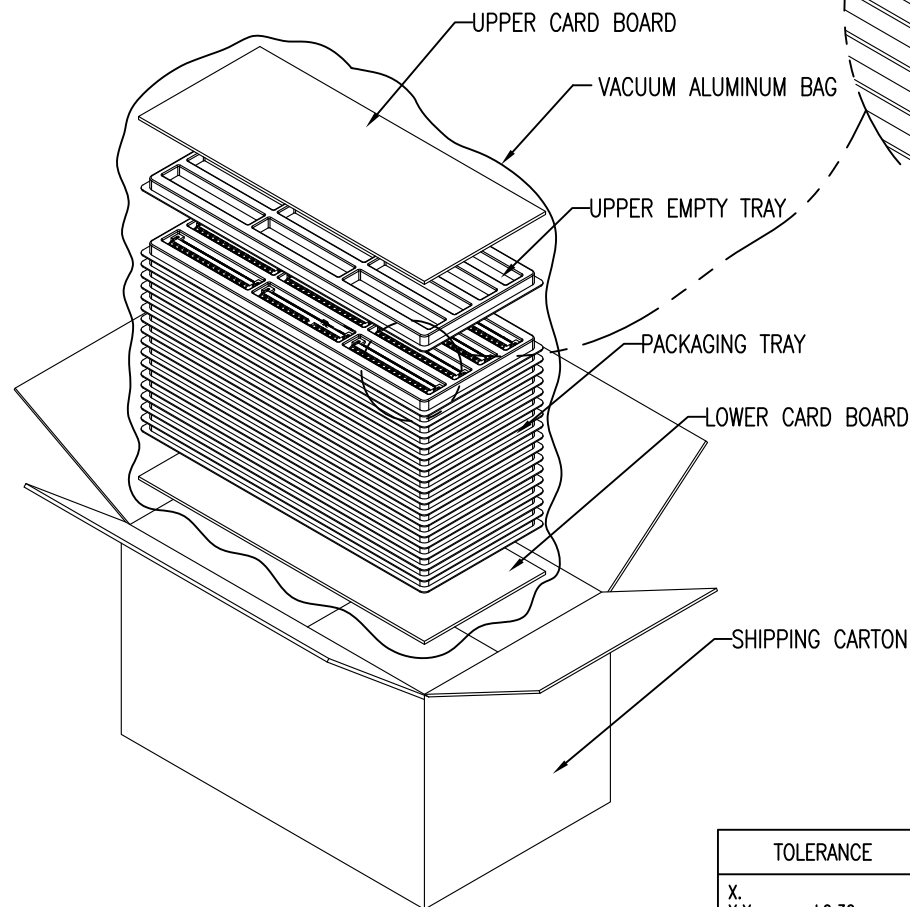
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CIRCUIT SIZE	164
PARTS PER CARTON<S.P.Q>	204
PARTS PER TRAY	12
TOTEL TRAY PER CARTON	18

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. 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°													
UNLESS OTHERWISE SPECIFIED		DWG TYPE		CUST DWG	PROJECT CODE	SLOT		UNIT	mm	SIZE	A3	PART No.	G630HXXX2XXXEU		
								SCALE	NA	SHEET	5 OF 5	DWG No.	G630HXXX2XXXEU	REV.	A1

Mouser Electronics

Authorized Distributor

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Amphenol:

[G630HAA12246EU](#) [G630HAA2224AEU](#) [G630HAA1224BEU](#) [G630H981224AHR](#)

FCI / Amphenol:

[G630H3612246EU](#) [G630H981224BEU](#) [G630H3602247EU](#) [G630HAA02247EU](#) [G630H9812248EU](#)
[G630H3612248EU](#) [G630H362224AEU](#) [G630H360224BEU](#) [G630H6422246AEU](#) [G630H980224AEU](#)
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