



ORIGINAL

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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.

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 μm THICKNESS MIN.;  
UNDER PLATING: NICKEL PLATING 50 μm 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	PCB THICKNESS/DIM D / DIM H
36: 36 POSITIONS	6: 2.08 MM / 1.60MM / 2.50MM
64: 64 POSITIONS	7: 2.30 MM / 1.90MM / 2.50MM
98: 98 POSITIONS	8: 1.57 MM / 1.20MM / 2.50MM (Fixture)
AA: 164 POSITIONS	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

CONTACT FINISH

- 0: GOLD FLASH
- 1: 15 μm GOLD
- 2: 30 μm GOLD
- 3: 10 μm GOLD

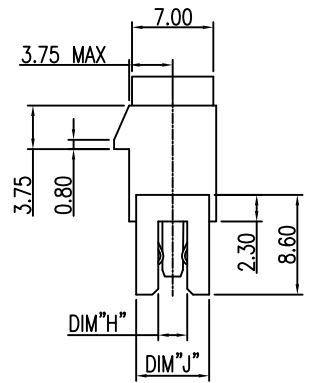
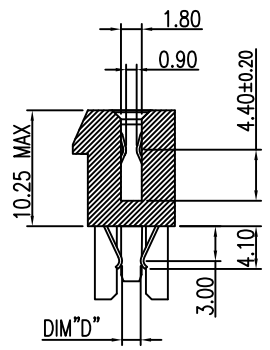
CAP OPTION

- 4: CAP

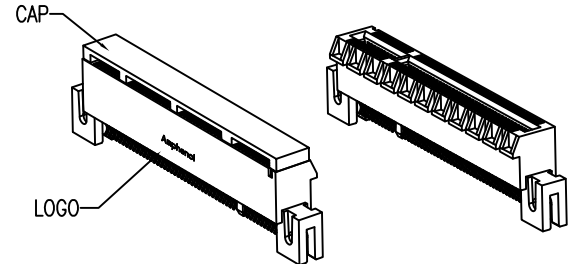
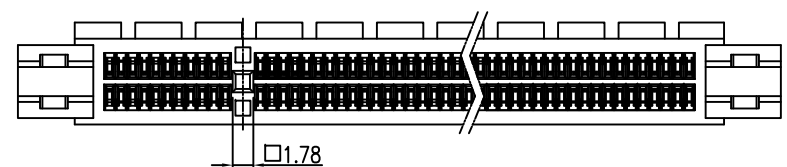
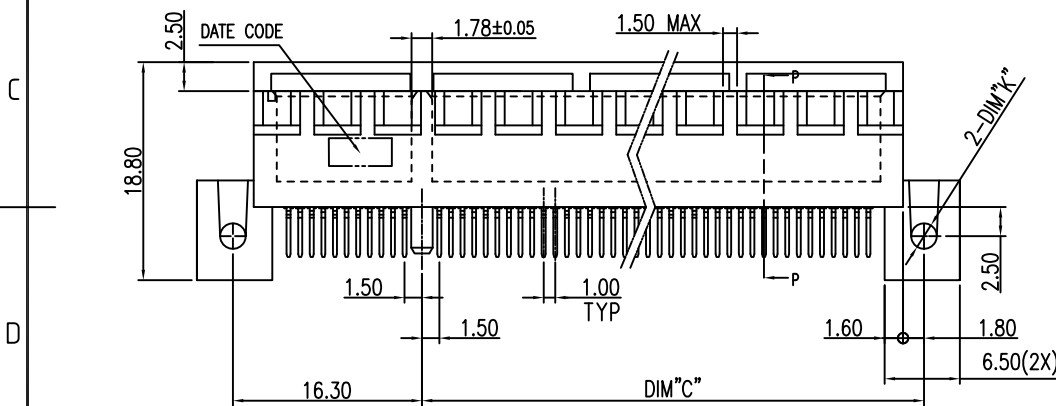
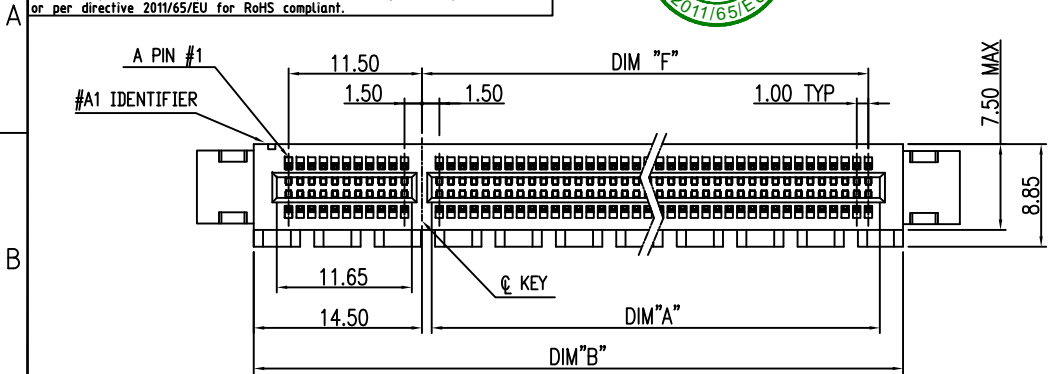
INSULATOR MATERIAL

- 2: NYLON 9T

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



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	SHEET
mm	A3	1 OF 5
SCALE	NA	

**Amphenol®**  
Amphenol Corporation  
Amphenol Taiwan Corporation

PART No. G630HXXX2XXXEU  
DWG No. G630HXXX2XXXEU  
REV. A1

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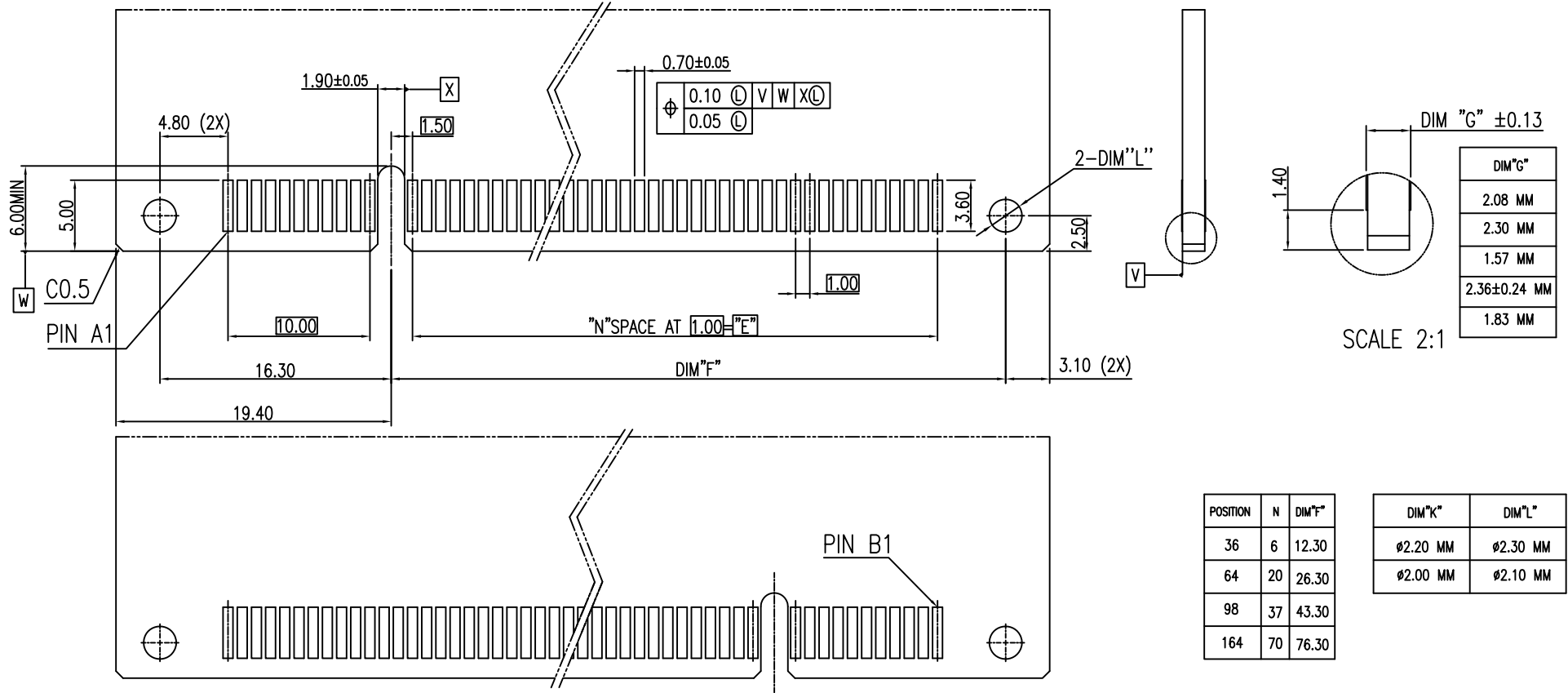
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RECOMMEND OF PCB DIMENSIONS

TOLERANCE	APPROVALS	DATE	TITLE		Amphenol®	
X. ±0.30	DRAWN Sandy Wu	11/21/2017	G630H SERIES, PCI EXPRESS 3.0 STRAIGHT, STRADDLE TYPE		Amphenol Corporation Amphenol Taiwan Corporation	
X.X ±0.20	CHECKED Debby Hung	11/21/2017				
X.XXX ±0.10	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			SCALE NA	SHEET 2 OF 5	DWG No. G630HXXX2XXXEU	REV. A1

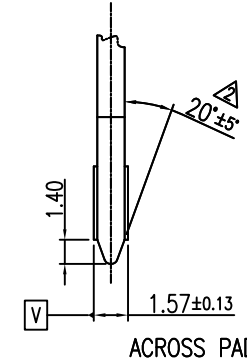
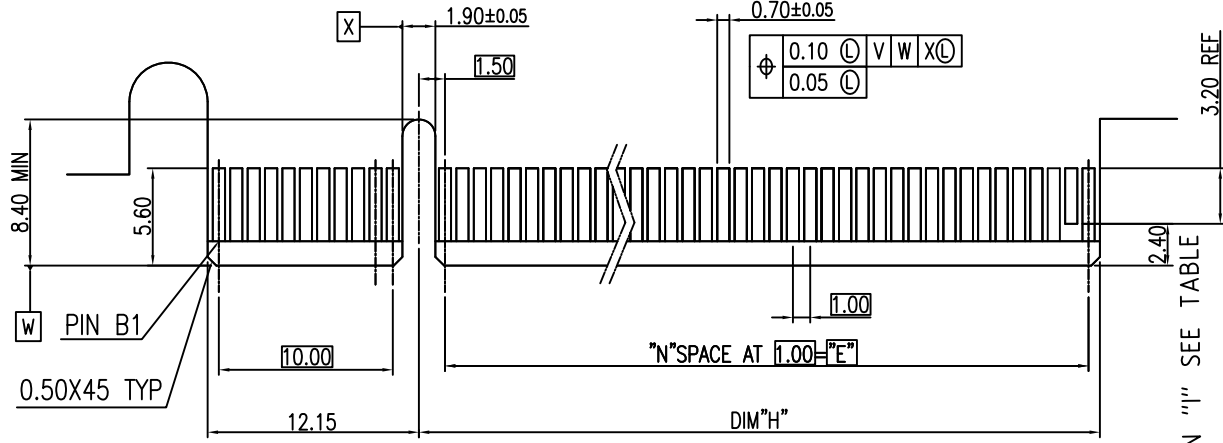
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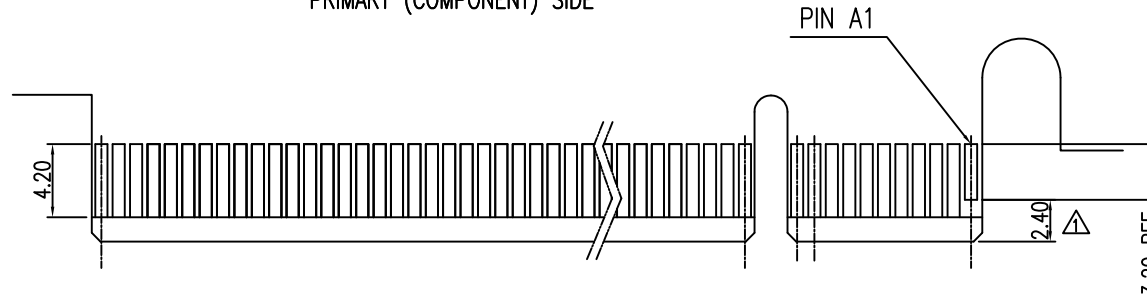
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I/O PANEL DIRECTION  
PRIMARY (COMPONENT) SIDE



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.		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	UNLESS OTHERWISE SPECIFIED		CUST DWG	PROJECT CODE	SLOT	UNIT	mm	SIZE	A3	PART No.	G630HXXX2XXXEU		
ANGULAR	±1°						SCALE	NA	SHEET	3 OF 5	DWG No.	G630HXXX2XXXEU	REV.	A1

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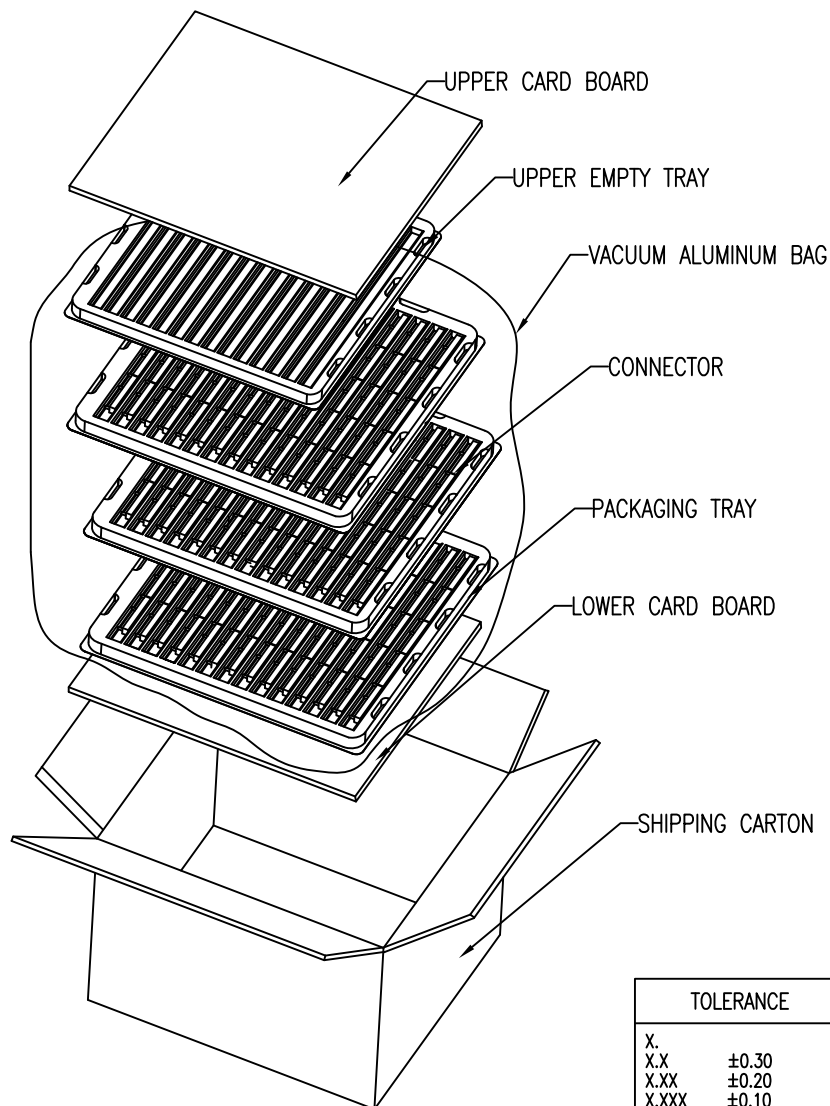
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CIRCUIT SIZE	36	64	98
PARTS PER CARTON<S.P.Q>	1755	1170	975
PARTS PER TRAY	117	78	65
TOTEL TRAY PER CARTON	16	16	16

3

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.

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X.X ±0.20	CHECKED Debby Hung	11/21/2017				
X.XXX ±0.10	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			SCALE NA	SHEET 4 OF 5	DWG No. G630HXXX2XXXEU	REV. A1

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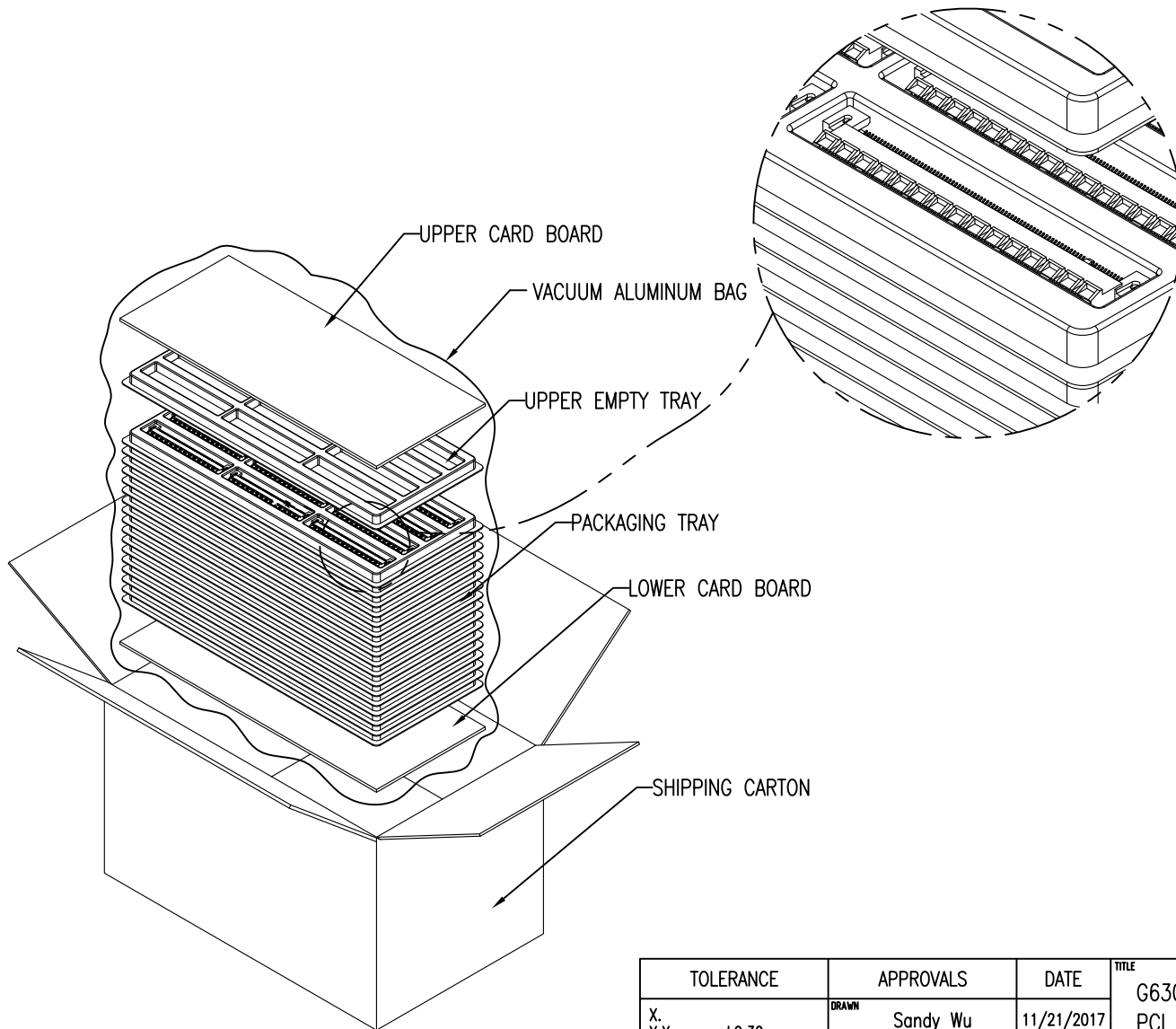
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CIRCUIT SIZE	164
PARTS PER CARTON<S.P.Q>	204
PARTS PER TRAY	12
TOTEL TRAY PER CARTON	18

3

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  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.



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X.X	±0.30	CHECKED	Debby Hung	11/21/2017			PART No. G630HXXX2XXXEU					
X.XX	±0.20	APPROVED	Roger Tsai	11/21/2017			DWG No. G630HXXX2XXXEU					
X.XXX	±0.10						UNIT	mm	SIZE	A3	REV.	A1
ANGULAR	±1°						SCALE	NA	SHEET	5 OF 5		
UNLESS OTHERWISE SPECIFIED		DWG TYPE		PROJECT CODE								
		CUST DWG		SLOT								