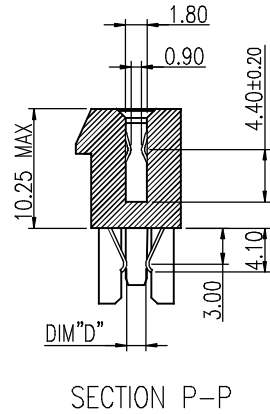
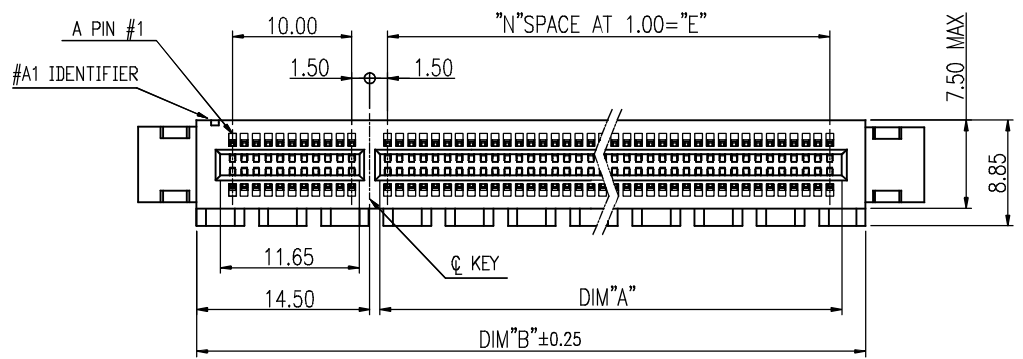


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# FOR REFERENCE ONLY

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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
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EX1		ADDED PCB OPTION	12/05/2014	Roger Tsai
EX2		ADDED DIM J & DIM K OPTION	12/10/2014	Roger Tsai
EX3	EDSR#5565	ADDED 1.83 PCB THICKNESS	05/14/2015	Arron Lin
EX4		ADDED DIM	05/22/2015	Arron Lin
EX5		UPDATE TO MATTE TIN	06/02/2015	Arron Lin



- 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

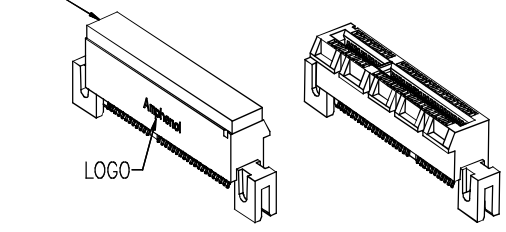
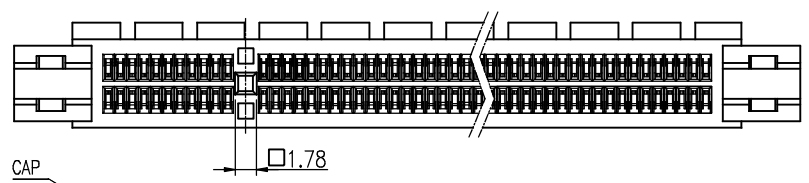
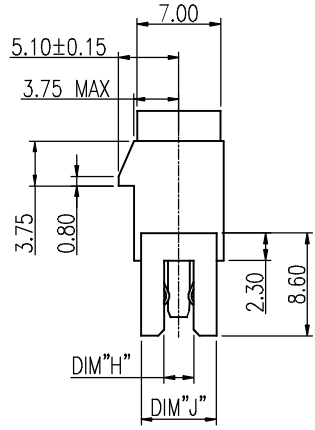
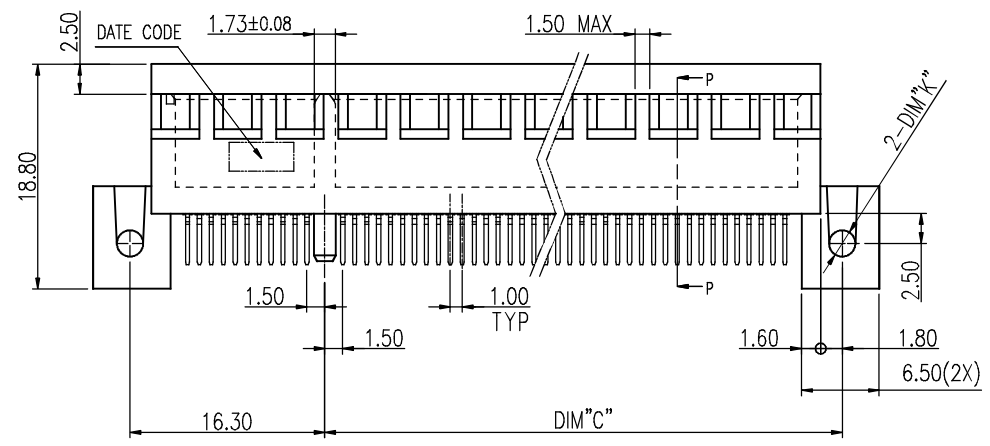
NO. OF POSITION —  
 36: 36 POSITIONS  
 64: 64 POSITIONS  
 98: 98 POSITIONS  
 AA: 164 POSITIONS

CONTACT FINISH —  
 0: GOLD FLASH  
 1: 15 μm GOLD  
 2: 30 μm GOLD  
 3: 10 μm 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  
 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



POSITION	N	DIM "A"	DIM "B"	DIM "C"	DIM "E"
36	6	7.65	25.00	12.30	6.00
64	20	21.65	39.00	26.30	20.00
98	37	38.65	56.00	43.30	37.00
164	70	71.65	89.00	76.30	70.00

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

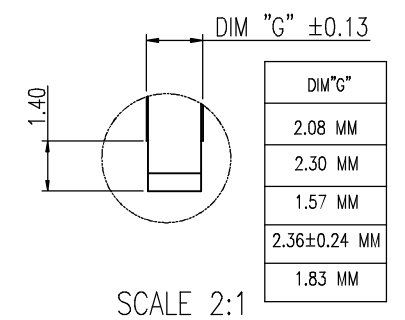
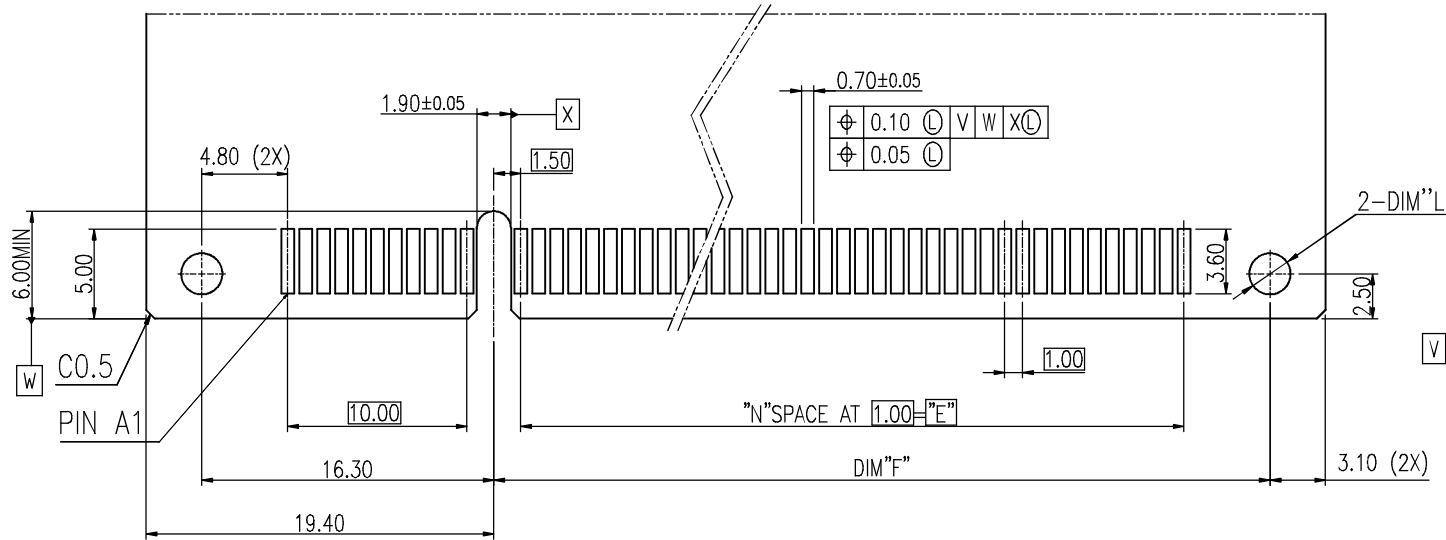
TOLERANCE	APPROVALS	DATE	TITLE		PART No.	
X. ±0.30	DRAWN Debby Hung	06/02/2015	G630H SERIES, PCI EXPRESS 3.0 STRAIGHT, STRADDLE TYPE		G630HXXX2XXXEU	
X.X ±0.20	CHECKED Roger Tsai	06/02/2015			PART No.	
X.XX ±0.20	APPROVED Arron Lin	06/02/2015	UNIT mm	SIZE A3	G630HXXX2XXXEU	
X.XXX ±0.10	DWG TYPE CUST DWG	PROJECT CODE SLOT	SCALE NA	SHEET 1 OF 5	DWG No. G630HXXX2XXXEU	
ANGULAR ±1°					REV. EX5	
UNLESS OTHERWISE SPECIFIED						

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POSITION	N	DIM "F"
36	6	12.30
64	20	26.30
98	37	43.30
164	70	76.30

DIM "K"	DIM "L"
ø2.20 MM	ø2.30 MM
ø2.00 MM	ø2.10 MM

RECOMMEND OF PCB DIMENSIONS

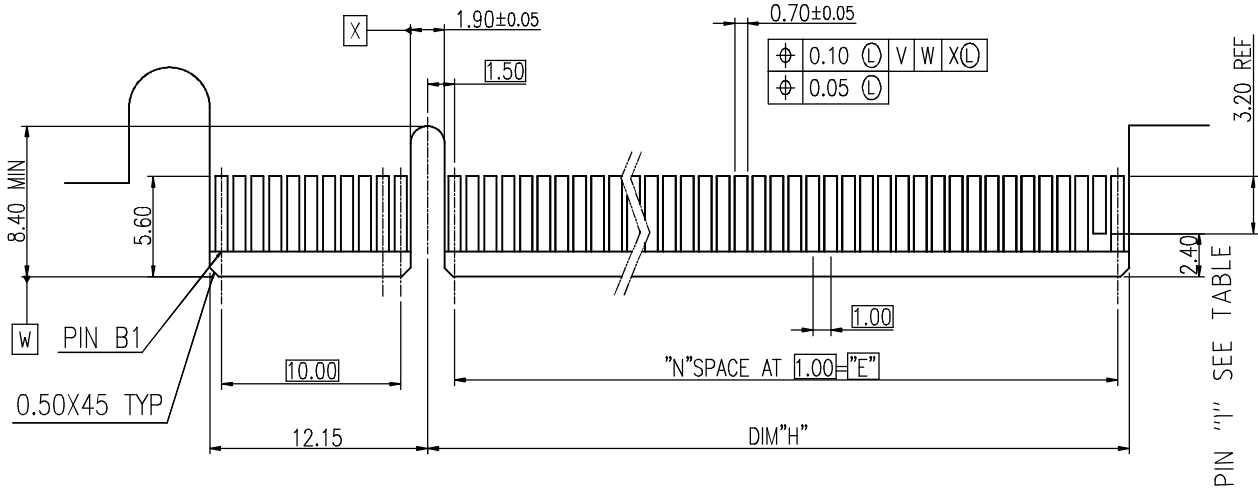
TOLERANCE	APPROVALS	DATE	TITLE			PART No.		
X. ±0.30	DRAWN Debby Hung	06/02/2015	G630H SERIES, PCI EXPRESS 3.0 STRAIGHT, STRADDLE TYPE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X.X ±0.20	CHECKED Roger Tsai	06/02/2015						
X.XXX ±0.10	APPROVED Arron Lin	06/02/2015						
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE SLOT	UNIT mm	SIZE A3	G630HXXX2XXXEU			
UNLESS OTHERWISE SPECIFIED			SCALE NA	SHEET 2 OF 5	DWG No. G630HXXX2XXXEU	REV. EX5		

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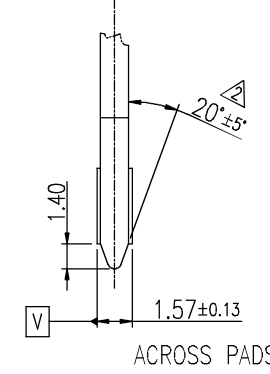
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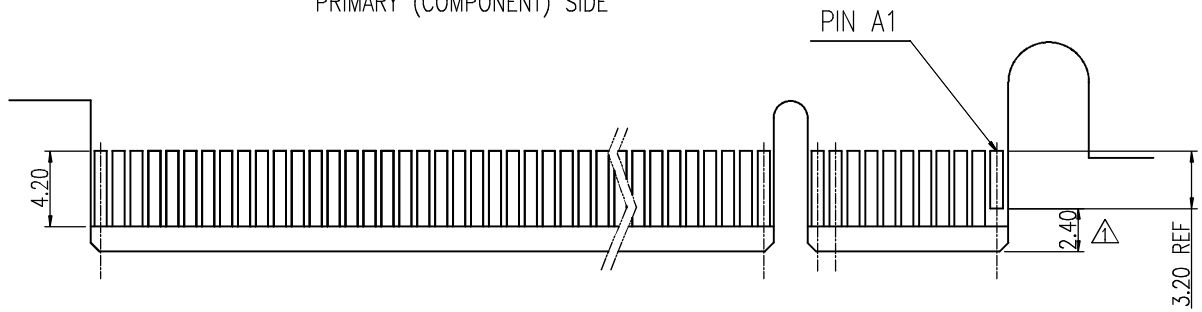
← I/O PANEL DIRECTION  
PRIMARY (COMPONENT) SIDE



ACROSS PADS

- △ 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.

3 TOLERANCE: .XX±.13



I/O PANEL DIRECTION →  
SECONDARY (SOLDER) SIDE

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	BB1

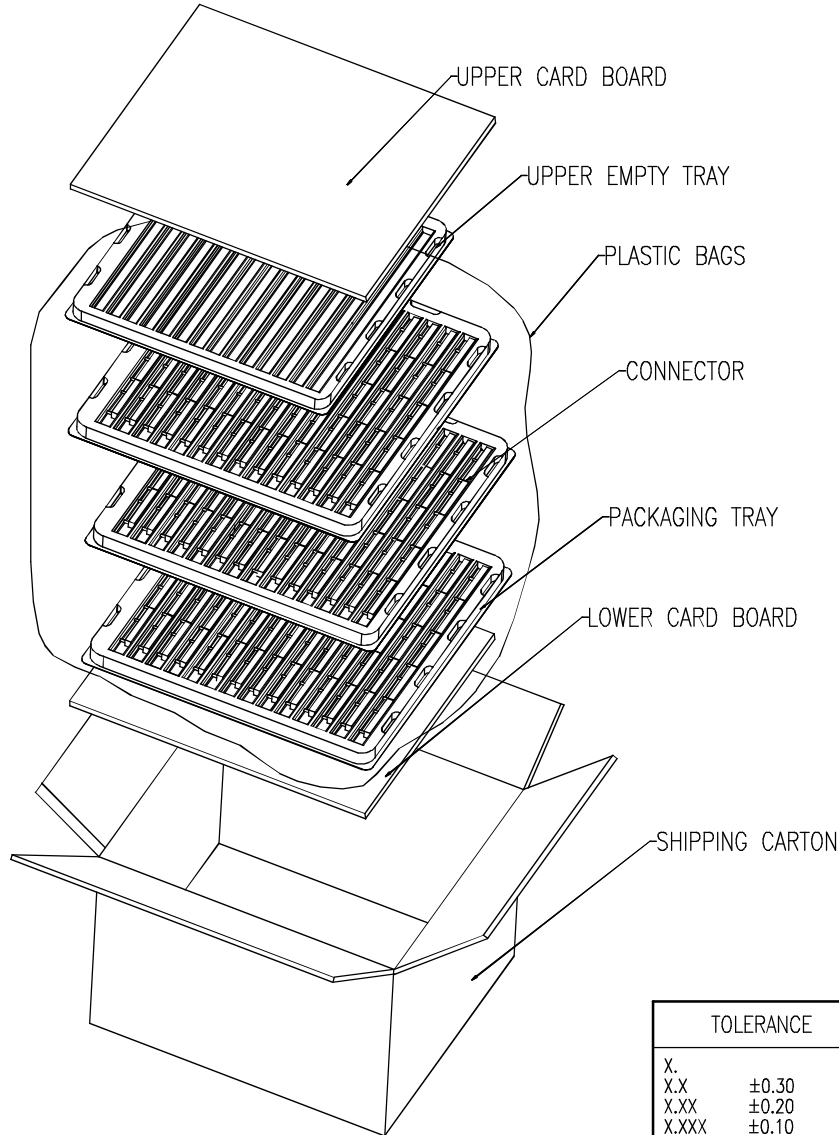
TOLERANCE	APPROVALS	DATE	TITLE			Amphenol®		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DRAWN Debby Hung	06/02/2015	G630H SERIES, PCI EXPRESS 3.0 STRAIGHT, STRADDLE TYPE			Amphenol Corporation Amphenol Taiwan Corporation		
	CHECKED Roger Tsai	06/02/2015						
	APPROVED Arron Lin	06/02/2015						
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE SLOT	UNIT mm	SIZE A3	PART No. G630HXXX2XXXEU			
UNLESS OTHERWISE SPECIFIED			SCALE NA	SHEET 3 OF 5	DWG No. G630HXXX2XXXEU	REV. EX5		

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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 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.

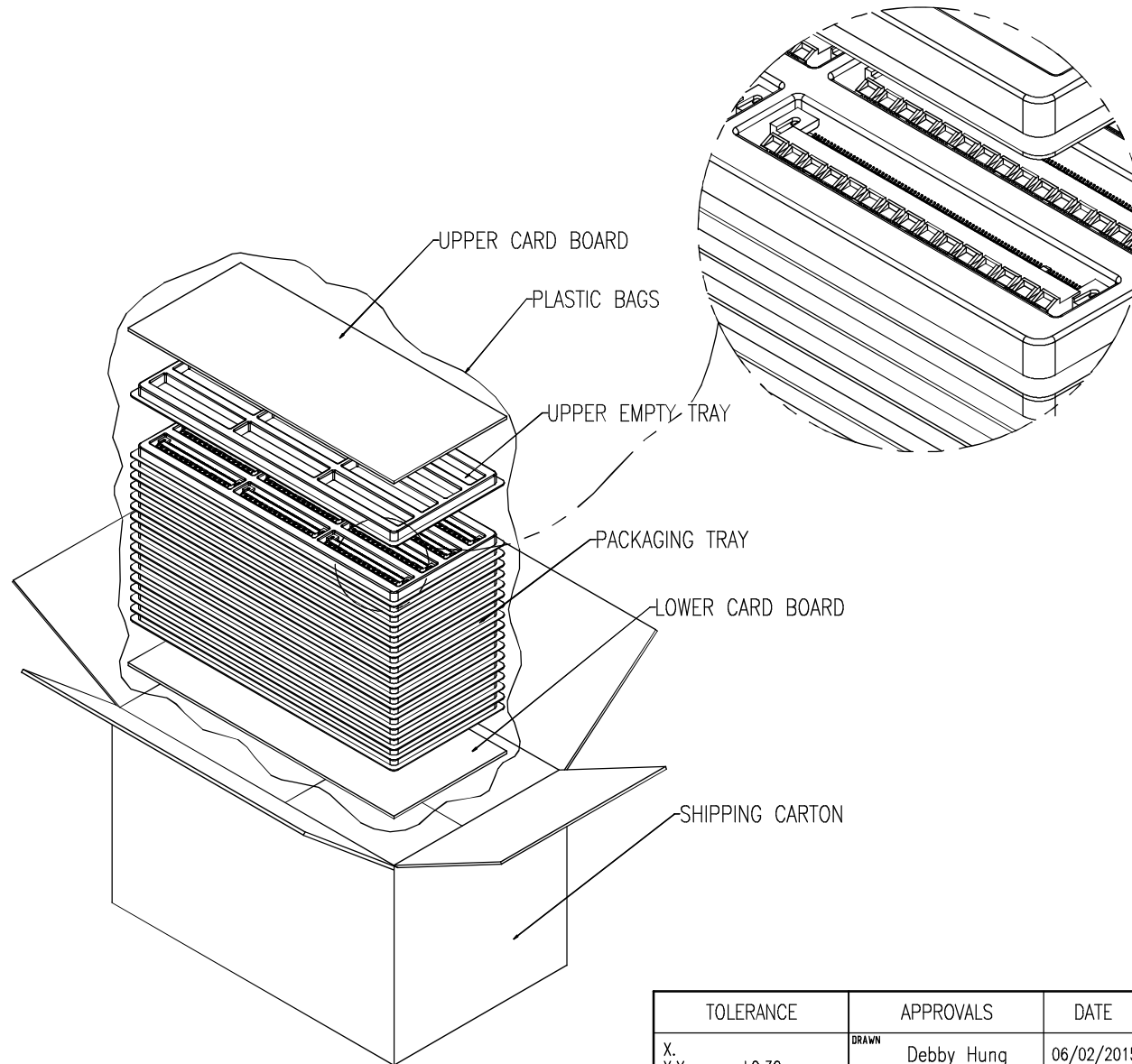
TOLERANCE	APPROVALS	DATE	TITLE			Amphenol®		
X. ±0.30	DRAWN Debby Hung	06/02/2015	G630H SERIES, PCI EXPRESS 3.0 STRAIGHT, STRADDLE TYPE			Amphenol Corporation Amphenol Taiwan Corporation		
X.X ±0.20	CHECKED Roger Tsai	06/02/2015						
X.XXX ±0.10	APPROVED Arron Lin	06/02/2015				UNIT	SIZE	PART No.
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE SLOT				mm	A3	G630HXXX2XXXEU
UNLESS OTHERWISE SPECIFIED			SCALE	SHEET	DWG No.	REV.		
			NA	4 OF 5	G630HXXX2XXXEU	EX5		

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


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

3

NOTES:

1. STAPLES SHOULD ONLY BE USED TO SET UP CARTON. ALL CARTON CLOSURES MUST BE DONE WITH TAPE.
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- 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 ±0.20	CHECKED Roger Tsai	06/02/2015						
X.XX ±0.20	APPROVED Arron Lin	06/02/2015	 			UNIT	SIZE	PART No.
X.XXX ±0.10	UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG				PROJECT CODE SLOT	mm	A3
ANGULAR ±1°				SCALE	SHEET	DWG No.	REV.	
				NA	5 OF 5	G630HXXX2XXXEU	EX5	