



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



This document is the property of Amphenol Corporation and is delivered on the express condition that it 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.

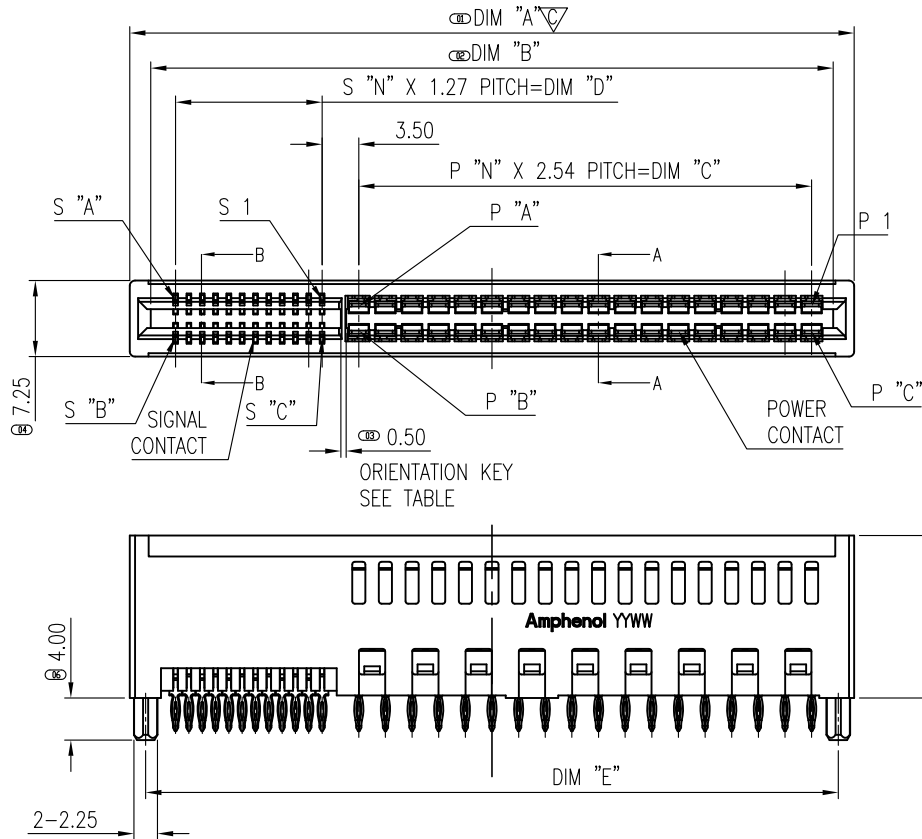
The marking on this product doesn't contain environmental hazardous material and must follow one or more specifications per Material Specification SS-00259 for Sony GP compliant or per directive 2002/95/EC for RoHS compliant or per IEC 61249-2-21 for Halogen Free compliant.



ORIGINAL



REVISIONS			
SYM	ECN No.	DESCRIPTION	DATE
A	NE-12016	RELEASE TO PRODUCTION	02/03/2012
			BY Chenny Yeh



P/N SYSTEM:

GPCE 3 X X X X X 1 X HR

CONTACT FINISH:

0: GOLD FLASH
1: 5u" GOLD
2: 10u" GOLD
3: 15u" GOLD
4: 30u" GOLD

POWER PIN Q'TY:

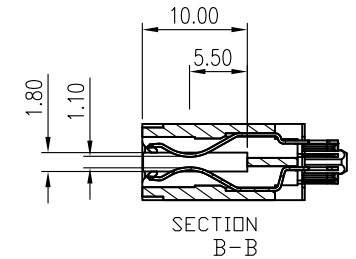
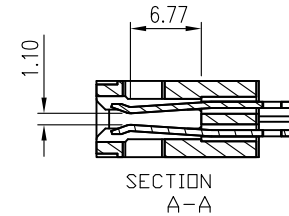
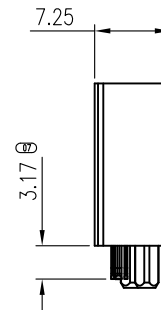
08: 8 PIN
36: 36 PIN
48: 48 PIN
56: 56 PIN

VARIATION CODE:

BLANK: STANDARD
1: WITHOUT ORIENTATION KEY

SIGNAL PIN Q'TY

12: 12 PIN
20: 20 PIN
24: 24 PIN



NOTES:

1. MATERIAL:

HOUSING: HIGH TEMPERATURE THERMO PLASTIC UL94V-0 COLOR BLACK
TERMINAL: HIGH PERFORMANCE COPPER ALLOY

2. FINISH:

TERMINAL:

CONTACT AREA: SELECTIVE GOLD PL.
SOLDERING AREA: MATT TIN PL. 120 μ" THK MIN.
UNDER PL.: NICKEL PL. 50 μ" THK MIN.

3. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2002/95/EC FOR RoHS AND PER IEC 61249-2-21 FOR HALOGEN FREE COMPLIANT.

4. THE DIMENSIONS MARKED (NO) WILL BE CHECKED BY Q.C. AND PROCESS ENGINEERS.

TOLERANCE		APPROVALS		DATE	TITLE ENERGY EDGE RECEPTACLE,PRESS-FIT TYPE		PART No. GPCE3XXXXX1HR	
X.		DESIGNED	Chenny Yeh	2/8/2012				
X.X	±0.30	CHECKED	Sondra Sang	2/8/2012	UNIT mm SCALE NA		SHEET 1 OF 4	
X.XX	±0.20	APPROVED	Hank Hsu	2/8/2012				
X.XXX	±0.10	DWG TYPE	CUST DWG	PROJECT CODE T521	DWG No. GPCE3X36241HR		REV. A	
ANGULAR	±2°							
UNLESS OTHERWISE SPECIFIED								

Amphenol®

Amphenol Corporation
Amphenol Taiwan Corporation

The marking on this product doesn't contain environmental hazardous material and must follow one or more specifications per Material Specification SS-00259 for Sony GP compliant or per directive 2002/95/EC for RoHS compliant or per IEC 61249-2-21 for Halogen Free compliant.



ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-12016	RELEASE TO PRODUCTION	02/03/2012	Chenny Yeh

GPCE3X562411HR	NO	27	11	94.48	90.48	68.58	13.97	91.44	P28	P29	P56	S12	S13	S24
GPCE3X56241HR	YES	27	11	94.48	90.48	68.58	13.97	91.44	P28	P29	P56	S12	S13	S24
GPCE3X481211HR	NO	23	5	76.70	72.70	58.42	6.35	73.66	P24	P25	P48	S6	S7	S12
GPCE3X48121HR	YES	23	5	76.70	72.70	58.42	6.35	73.66	P24	P25	P48	S6	S7	S12
GPCE3X362411HR	NO	17	11	69.08	65.08	43.18	13.97	66.04	P18	P19	P36	S12	S13	S24
GPCE3X36241HR	YES	17	11	69.08	65.08	43.18	13.97	66.04	P18	P19	P36	S12	S13	S24
GPCE3X242411HR	NO	11	11	53.84	49.84	27.94	13.97	50.80	P12	P13	P24	S12	S13	S24
GPCE3X24241HR	YES	11	11	53.84	49.84	27.94	13.97	50.80	P12	P13	P24	S12	S13	S24
GPCE3X162411HR	NO	7	11	43.68	39.68	17.78	13.97	40.64	P8	P9	P16	S12	S13	S24
GPCE3X16241HR	YES	7	11	43.68	39.68	17.78	13.97	40.64	P8	P9	16	S12	S13	S24
GPCE3X082011HR	NO	3	9	30.98	26.98	7.62	11.43	27.94	P4	P5	P8	S10	S11	S20
GPCE3X08201HR	YES	3	9	30.98	26.98	7.62	11.43	27.94	P4	P5	P8	S10	S11	S20
PART NUMBER	ORIENTATION KEY	P "N"	S "N"	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	P "A"	P "B"	P "C"	S "A"	S "B"	S "C"

TOLERANCE	DRAWN APPROVALS	DATE	TITLE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED	Chenny Yeh	2/8/2012		UNIT mm	SIZE A3	PART No. GPCE3XXXXX1HR
	CHECKED	Sondra Sang	2/8/2012				
	APPROVED	Hank Hsu	2/8/2012				
ANGULAR ±2°	DWG TYPE	CUST DWG	PROJECT CODE T521	SCALE NA	SHEET 2 OF 4	DWG No. GPCE3X36241HR	REV. A
UNLESS OTHERWISE SPECIFIED							

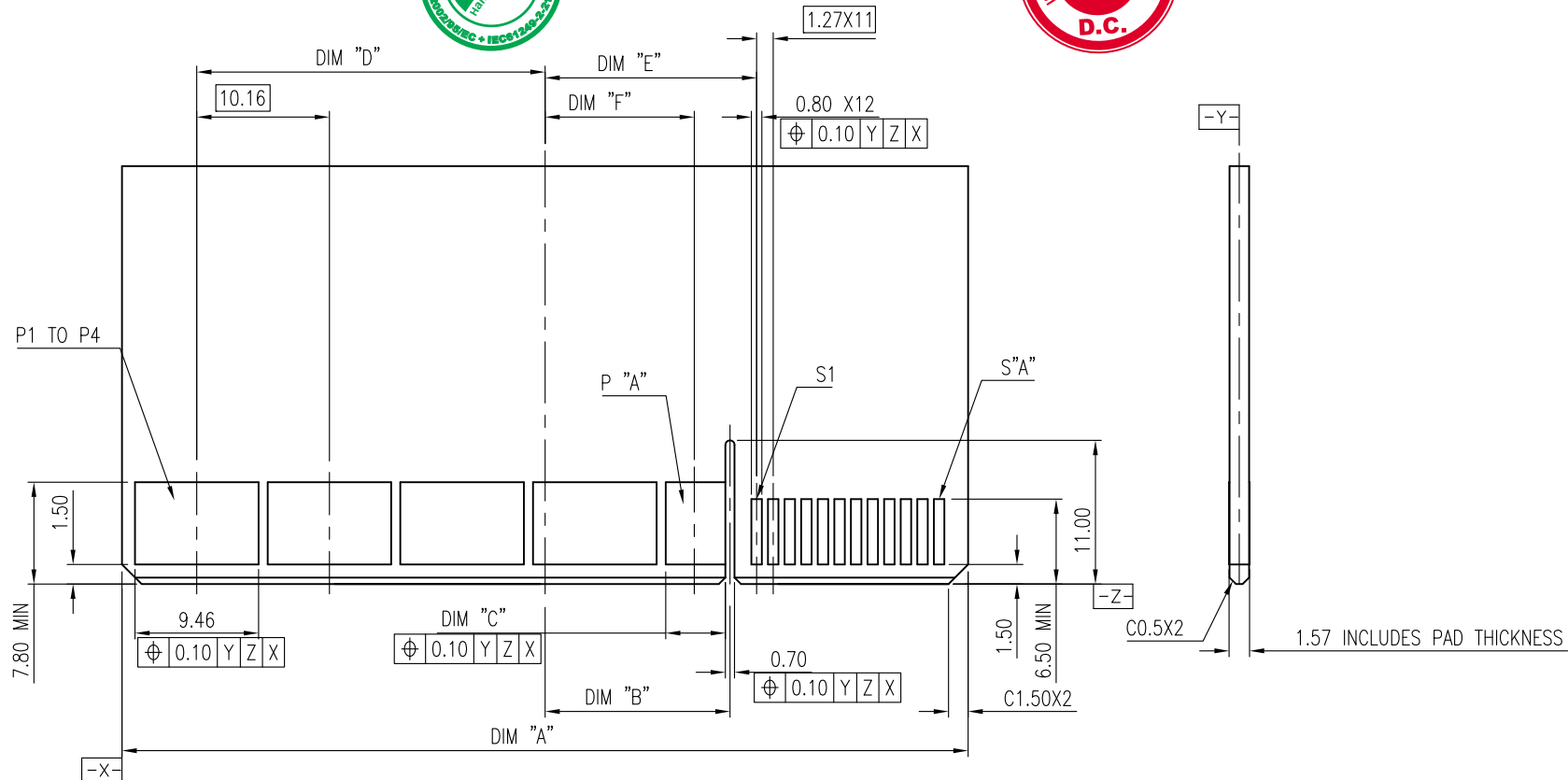
The marking on this product doesn't contain environmental hazardous material and must follow one or more specifications per Material Specification SS-00259 for Sony GP compliant or per directive 2002/95/EC for RoHS compliant or per IEC 61249-2-21 for Halogen Free compliant.



ORIGINAL

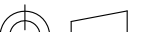


REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-12016	RELEASE TO PRODUCTION	02/03/2012	Chenny Yeh



RECOMMENDED MATING BOARD FOOTPRINT

GPCE3X56241HR	90.18	26.86	9.46	39.37	28.90	21.59	P28	S12
GPCE3X48121HR	72.40	25.59	9.46	30.48	27.63	20.42	P24	S6
GPCE3X36241HR	64.78	14.61	4.57	26.67	16.2	11.43	P18	S12
GPCE3X24241HR	49.54	6.54	9.46	19.05	8.58	1.27	P12	S12
GPCE3X16241HR	39.38	1.46	9.46	13.97	3.50	3.81	P8	S12
GPCE3X08201HR	26.68	2.45		7.52	0.40			S10
PART NUMBER	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"	P "A"	S "A"

TOLERANCE	DRAWN	APPROVALS	DATE	TITLE		Amphenol[®] Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED	Chenny Yeh	2/8/2012	ENERGY EDGE RECEPTACLE,PRESS-FIT TYPE 		UNIT	SIZE	PART No.	
	CHECKED	Sondra Sang	2/8/2012			mm	A3	GPCE3XXXXX1HR	
	APPROVED	Hank Hsu	2/8/2012						
ANGULAR ±2°	DWG TYPE	CUST DWG	PROJECT CODE			SCALE	SHEET	DWG No.	REV.
UNLESS OTHERWISE SPECIFIED			T521			NA	3 OF 4	GPCE3X36241HR	A

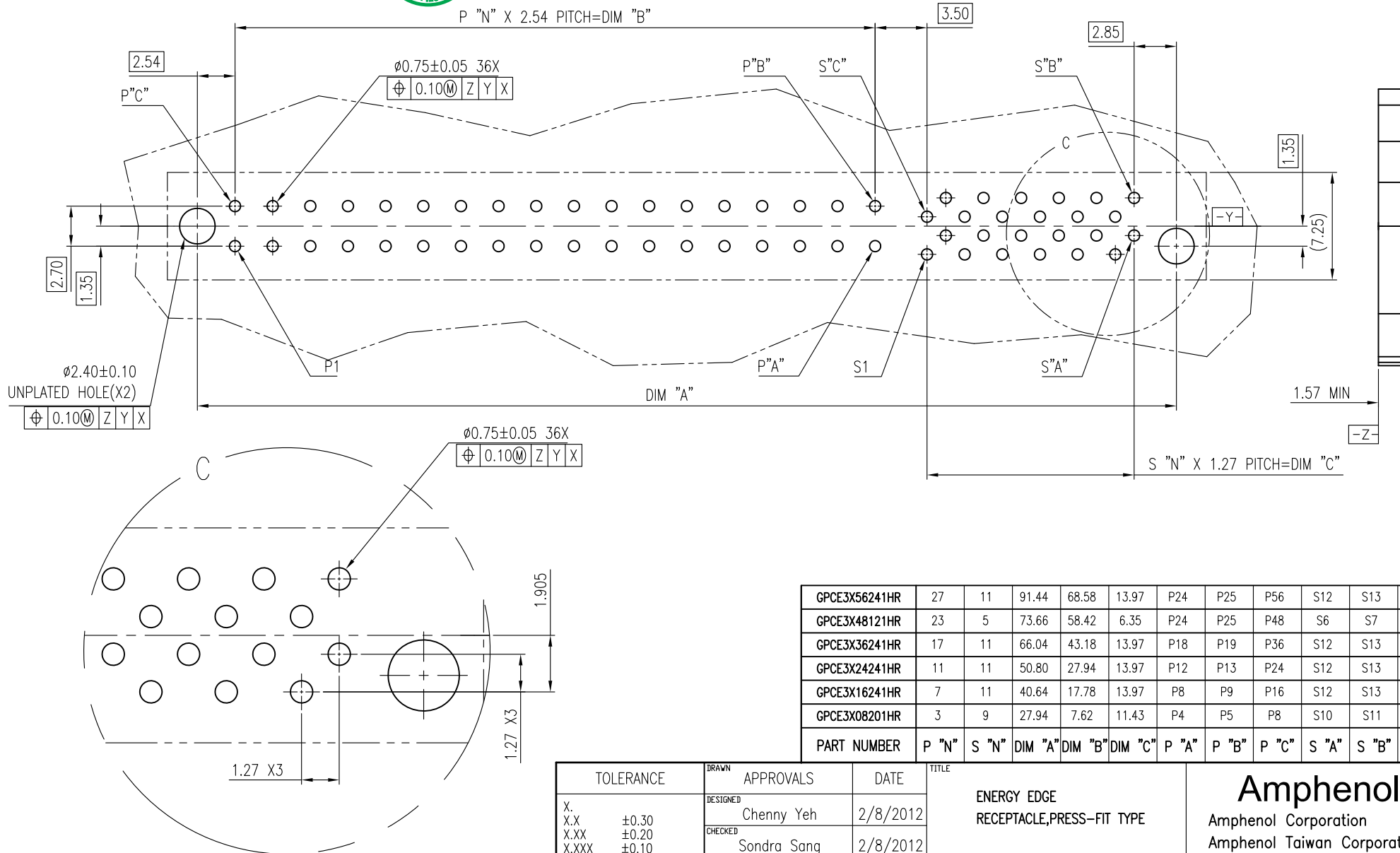
The marking on this product doesn't contain environmental hazardous material and must follow one or more specifications per Material Specification SS-00259 for Sony GP compliant or per directive 2002/95/EC for RoHS compliant or per IEC 61249-2-21 for Halogen Free compliant.



ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-12016	RELEASE TO PRODUCTION	02/03/2012	Chenny Yeh



SCALE 8:1

GPCE3X56241HR	27	11	91.44	68.58	13.97	P24	P25	P56	S12	S13	S24
GPCE3X48121HR	23	5	73.66	58.42	6.35	P24	P25	P48	S6	S7	S12
GPCE3X36241HR	17	11	66.04	43.18	13.97	P18	P19	P36	S12	S13	S24
GPCE3X24241HR	11	11	50.80	27.94	13.97	P12	P13	P24	S12	S13	S24
GPCE3X16241HR	7	11	40.64	17.78	13.97	P8	P9	P16	S12	S13	S24
GPCE3X08201HR	3	9	27.94	7.62	11.43	P4	P5	P8	S10	S11	S20
PART NUMBER	P "N"	S "N"	DIM "A"	DIM "B"	DIM "C"	P "A"	P "B"	P "C"	S "A"	S "B"	S "C"

TOLERANCE		APPROVALS		DATE		TITLE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED Chenny Yeh		2/8/2012		ENERGY EDGE RECEPTACLE,PRESS-FIT TYPE					
		CHECKED Sondra Sang		2/8/2012							
		APPROVED Hank Hsu		2/8/2012							
ANGULAR ±2°						UNIT mm SCALE NA		SIZE A3 SHEET 4 OF 4		PART No. GPCE3XXXXX1HR DWG No. GPCE3X36241HR	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE T521						REV. A	