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The marking on this product doesn't contain environmental hazardous materials per Material Specification 55-00259 for Sony GP compliant or per directive 2002/95/EC for RoHS compliant.



ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A1	IE-13096	ADDED POS.44 PKG	07/03/2013	Roger Tsai
B1	NE-14199	UPDATED PACKAGING	11/10/2014	Roger Tsai
C	NE-08404	ADDED 8, 10, 12 PINS PROFILES	11/28/2008	Hank Hsu
D	NE-10107	HOUSING MATERIAL: LCP--> NYLON 4T	07/16/2010	Roger Tsai
E	NE-12184	ADDED POS. 6/50 & PKG	11/14/2012	Roger Tsai
F	NE-13033	ADDED POS. 4/36 PKG & RIB OPTION	03/15/2013	Roger Tsai

NOTES:

1. INSULATOR: NYLON 4T, UL 94V-0, COLOR: BLACK.
2. CONTACT: COPPER ALLOY, SELECTIVE GOLD OR TIN PLATED ON CONTACT AREA, GOLD FLASH OR 100μ" MIN. TIN PLATED ON SOLDERING TAIL, 50μ" MIN. NICKEL UNDER-PLATING OVERALL.
3. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2002/95/EC FOR RoHS.
4. PER AMTA PACKING SPECIFICATION PKS-0001.
5. PART NUMBER:

G823 XX 1 X YBEU

CONTACT FINISH: 0: FULL GOLD FLASH

1: GOLD FLASH

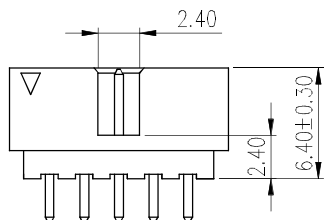
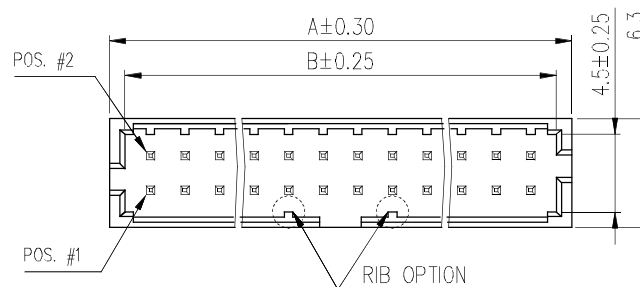
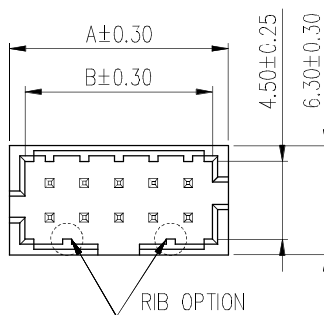
2: 15μ" GOLD

3: 30μ" GOLD

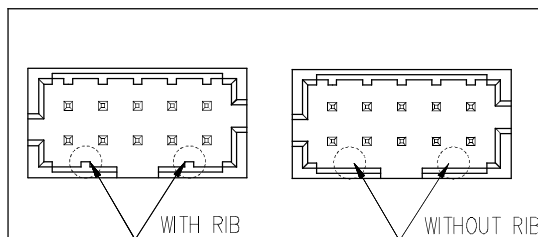
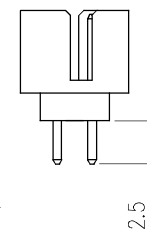
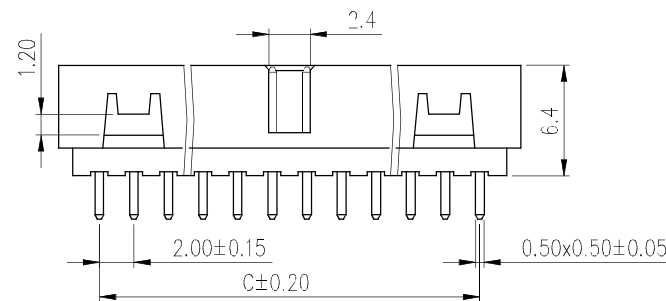
4: FULL TIN

NUMBER OF POSITIONS

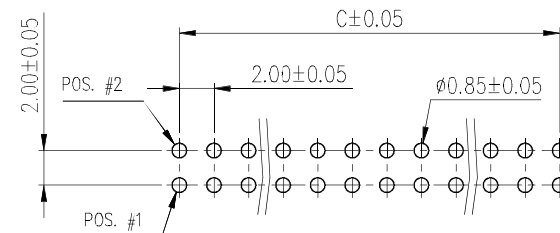
G823 50 1 X YBEU	50	52.65	50.85	48.00	WITH RIB
G823 44 1 X YBEU	44	46.65	44.85	42.00	WITH RIB
G823 42 1 X YBEU	42	44.65	42.85	40.00	WITH RIB
G823 40 1 X YBEU	40	42.65	40.85	38.00	WITH RIB
G823 38 1 X YBEU	38	40.65	38.85	36.00	WITH RIB
G823 36 1 X YBEU	36	38.65	36.85	34.00	WITH RIB
G823 34 1 X YBEU	34	36.65	34.85	32.00	WITH RIB
G823 32 1 X YBEU	32	34.65	32.85	30.00	WITH RIB
G823 30 1 X YBEU	30	32.65	30.85	28.00	WITH RIB
G823 28 1 X YBEU	28	30.65	28.85	26.00	WITH RIB
G823 26 1 X YBEU	26	28.65	26.85	24.00	WITH RIB
G823 24 1 X YBEU	24	26.65	24.85	22.00	WITH RIB
G823 22 1 X YBEU	22	24.65	22.85	20.00	WITH RIB
G823 20 1 X YBEU	20	22.65	20.85	18.00	WITH RIB
G823 18 1 X YBEU	18	20.65	18.85	16.00	WITH RIB
G823 16 1 X YBEU	16	18.65	16.85	14.00	WITH RIB
G823 14 1 X YBEU	14	16.65	14.85	12.00	WITHOUT RIB
G823 12 1 X YBEU	12	14.65	12.85	10.00	WITH RIB
G823 10 1 X YBEU	10	12.65	10.85	8.00	WITH RIB
G823 08 1 X YBEU	8	10.65	8.85	6.00	WITH RIB
G823 06 1 X YBEU	6	8.65	6.85	4.00	WITHOUT RIB
G823 04 1 X YBEU	4	6.65	4.85	2.00	WITHOUT RIB
PART NUMBER	NO. OF POS.	DIM. A	DIM. B	DIM. C	RIB OPTION



4-12 POSITIONS PROFILE



RIB OPTION



RECOMMENDED PCB LAYOUT

TOLERANCE	APPROVALS	DATE
X.X ±0.30	DRAWN Aqua Chou	11/10/2014
X.XX ±0.20	CHECKED Roger Tsai	11/10/2014
X.XXX ±0.10	APPROVED Roger Tsai	11/10/2014
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE BHD
UNLESS OTHERWISE SPECIFIED		

TITLE BOX HEADER CONNECTOR 2.0mm PITCH, SLIM TYPE STRAIGHT PCB MOUNT			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
UNIT mm	SIZE A3	PART No.	G823 XX 1 X YBEU		
SCALE NA	SHEET 1 OF 2	DWG No.	G823XX1XYBEU		
		REV.	B1		

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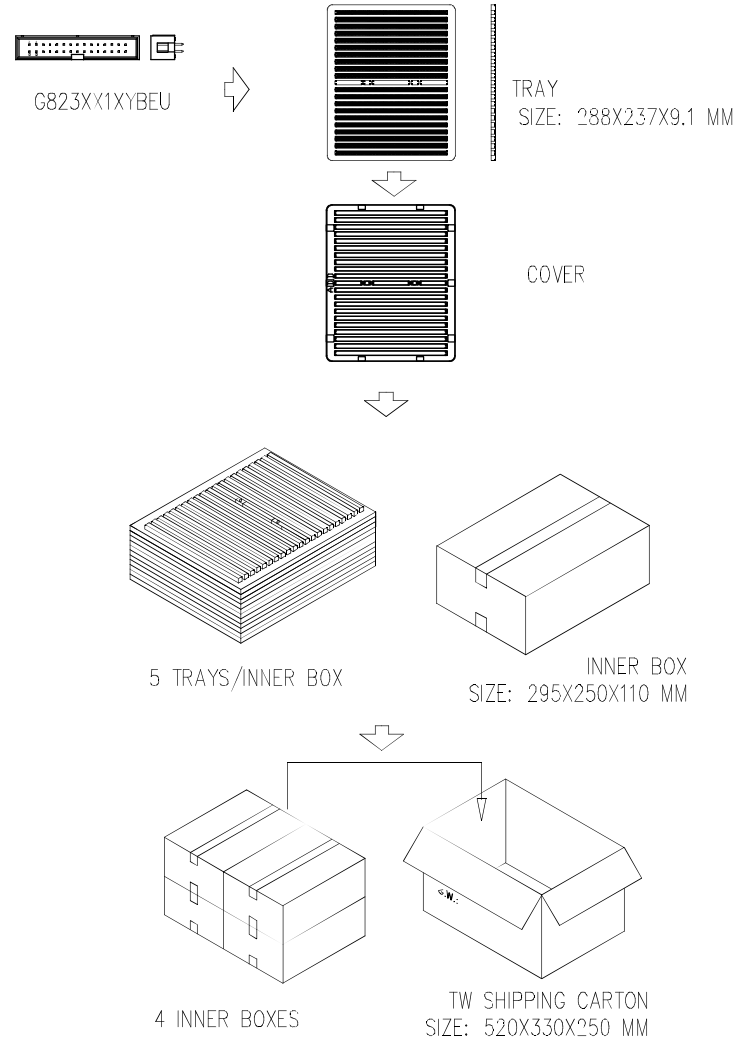
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ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
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B1	NE-14199	UPDATED PACKAGING	11/10/2014	Roger Tsai
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F	NE-13033	ADDED POS. 4/36 PKG & RIB OPTION	03/15/2013	Roger Tsai



G823 44 1XYBEU	2X22=44	80	20	1600	2.8	4.5
G823 40 1XYBEU	2X20=40	80	20	1600	2.7	4.4
G823 36 1XYBEU	2X18=36	100	20	2000	3.0	5.0
G823 34 1XYBEU	2X17=34	100	20	2000	2.8	4.5
G823 32 1XYBEU	2X16=32	120	20	2400	3.1	4.8
G823 30 1XYBEU	2X15=30	120	20	2400	2.8	4.5
G823 28 1XYBEU	2X14=28	120	20	2400	2.8	4.5
G823 26 1XYBEU	2X13=26	140	20	2800	3.0	4.7
G823 24 1XYBEU	2X12=24	140	20	2800	2.8	4.5
G823 22 1XYBEU	2X11=22	160	20	3200	3.0	4.6
G823 20 1XYBEU	2X10=20	180	20	3600	3.1	4.8
G823 16 1XYBEU	2X8=16	200	20	4000	3.1	4.3
G823 14 1XYBEU	2X7=14	240	20	4800	2.6	4.4
G823 12 1XYBEU	2X6=12	280	20	5600	3.4	5.1
G823 10 1XYBEU	2X5=10	320	20	6400	3.0	4.7
G823 08 1XYBEU	2X4=08	380	20	7600	2.3	4.1
G823 06 1XYBEU	2X3=06	560	20	11200	3.2	4.7
P/N	POS.	PCS/TRAY	TRAY/CARTON	QUANTITY (PCS)	N.W. KG	G.W. KG

TOLERANCE		APPROVALS		DATE		BOX HEADER CONNECTOR 2.0mm PITCH, SLIM TYPE STRAIGHT PCB MOUNT				Amphenol®			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Aqua Chou		11/10/2014						Amphenol Corporation Amphenol Taiwan Corporation			
		CHECKED Roger Tsai		11/10/2014									
		APPROVED Roger Tsai		11/10/2014									
ANGULAR ±1°								UNIT mm	SIZE A3	PART No. G823 XX 1 X YBEU			
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE BHD				SCALE NA	SHEET 2 OF 2	DWG No. G823XX1XYBEU	REV. B1		

Mouser Electronics

Authorized Distributor

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