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The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant.

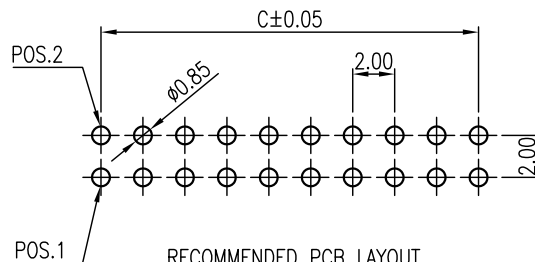
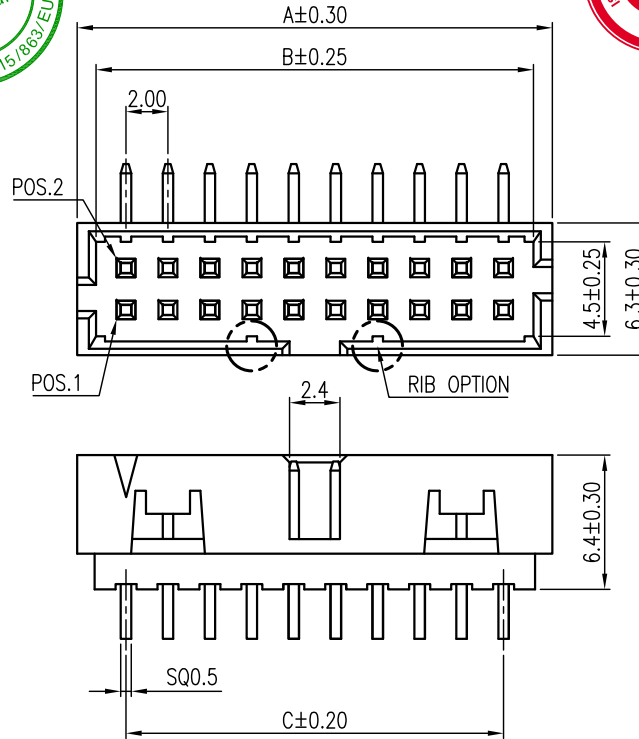
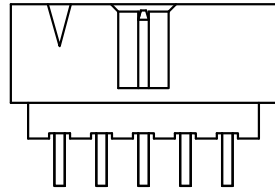
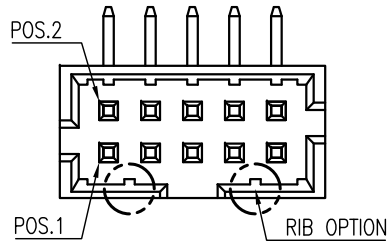


ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
B	NE-09144	FULL FILL POSITION OPTION	08/12/2009	Roger Tsai
C	NE-11012	CHANGE LCP TO NYLON 4T	01/27/2011	Roger Tsai
D	NE-13145	MODIFIED DRAWING	08/30/2013	Roger Tsai
E	NE-14199	ADDED PACKAGING	11/10/2014	Roger Tsai
F	NE-21003	UPDATED PACKAGING	01/08/2021	Roger Tsai
A1	NE-21124	ADDED 2X2POS. PKG/UPDATED 2X25POS. PKG	09/28/2021	Roger Tsai

4-12 POSITIONS PROFILE



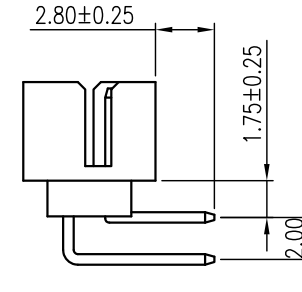
RECOMMENDED PCB LAYOUT
ALL TOLERANCE ARE ±0.05

PART NUMBER:
G823 XX 2 X YBEU

CONTACT/SOLDER FINISH:

- 0: GOLD FLASH/GOLD FLASH
- 1: GOLD FLASH/GOLD FLASH
- 2: 15μ" GOLD/GOLD FLASH
- 3: 30μ" GOLD/GOLD FLASH
- 4: 100μ" MATTE TIN/100μ" MATTE TIN

NUMBER OF POSITIONS

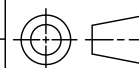


NOTES:

1. INSULATOR: NYLON 4T, UL 94V-0, COLOR- BLACK
2. CONTACT: COPPER ALLOY, SELECTIVE PLATED ON CONTACT AREA, SELECTIVE PLATED ON SOLDERING TAIL, 50μ" MIN. NICKEL UNDER-PLATING OVERALL.
3. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2011/65/EU & 2015/863/EU FOR RoHS.
4. PER AMTA PACKING SPECIFICATION PKS-0001
5. RIB OPTION: POS4,6,14 WITHOUT RIB
POS8~12,16~50 WITH RIB
6. PRODUCT SPECIFICATION REFER TO : PS-7522.

G823 50 2 X YBEU	50	52.65	50.85	48.00
G823 44 2 X YBEU	44	46.65	44.85	42.00
G823 42 2 X YBEU	42	44.65	42.85	40.00
G823 40 2 X YBEU	40	42.65	40.85	38.00
G823 38 2 X YBEU	38	40.65	38.85	36.00
G823 36 2 X YBEU	36	38.65	36.85	34.00
G823 34 2 X YBEU	34	36.65	34.85	32.00
G823 32 2 X YBEU	32	34.65	32.85	30.00
G823 30 2 X YBEU	30	32.65	30.85	28.00
G823 28 2 X YBEU	28	30.65	28.85	26.00
G823 26 2 X YBEU	26	28.65	26.85	24.00
G823 24 2 X YBEU	24	26.65	24.85	22.00
G823 22 2 X YBEU	22	24.65	22.85	20.00
G823 20 2 X YBEU	20	22.65	20.85	18.00
G823 18 2 X YBEU	18	20.65	18.85	16.00
G823 16 2 X YBEU	16	18.65	16.85	14.00
G823 14 2 X YBEU	14	16.65	14.85	12.00
G823 12 2 X YBEU	12	14.65	12.85	10.00
G823 10 2 X YBEU	10	12.65	10.85	8.00
G823 08 2 X YBEU	8	10.65	8.85	6.00
G823 06 2 X YBEU	6	8.65	6.85	4.00
G823 04 2 X YBEU	4	6.65	4.85	2.00
PART NUMBER	NO. OF POS.	DIM. A	DIM. B	DIM. C

TOLERANCE		APPROVALS		DATE	TITLE			Amphenol®							
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED		DRAWN		Aqua Chou	09/28/2021	G823 SERIES BOX HEADER 2.0MM PITCH R/A PCB MOUNT			Amphenol Corporation Amphenol Taiwan Corporation						
		CHECKED		Karen Su	09/28/2021										
		APPROVED		Roger Tsai	09/28/2021		UNIT	mm	SIZE	A3	PART No.		G823 XX 2 X YBEU		
		DWG TYPE		CUST DWG			PROJECT CODE		BHD		SCALE	NA	SHEET	1 OF 2	DWG No.



UNIT mm
SCALE NA

SHEET 1 OF 2

REV. A1

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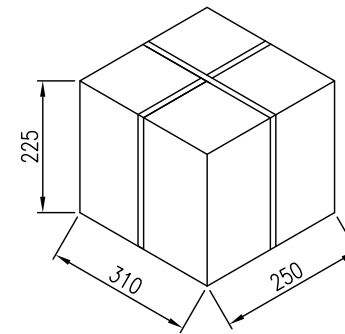
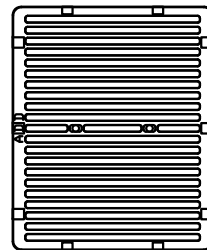
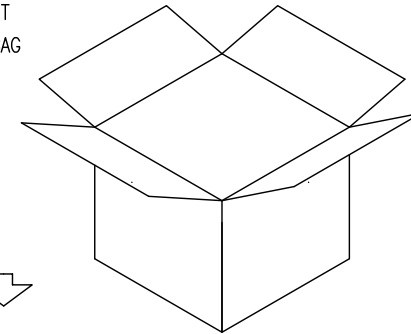
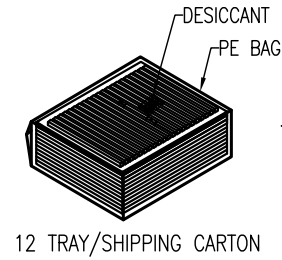
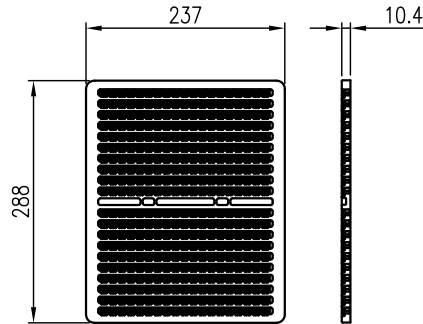
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SHIPPING CARTON
310MMX250MMX225MM

50	80	960	2.0	3.7
48	80	960	1.9	3.6
46	80	960	1.8	3.5
44	80	960	1.7	3.4
42	80	960	1.7	3.3
40	80	960	1.6	3.3
38	100	1200	2.1	3.8
36	100	1200	1.8	3.5
34	100	1200	1.7	3.3
32	100	1200	1.9	3.5
30	120	1440	1.7	3.2
28	120	1440	1.7	3.2
26	140	1680	1.8	3.4
24	140	1680	1.7	3.3
22	160	1920	1.9	3.4
20	180	2160	1.9	3.4
18	180	2160	1.9	3.9
16	200	2400	1.9	3.9
14	240	2880	1.6	3.2
12	260	3120	2.0	3.6
10	320	3840	1.8	3.4
08	380	4560	1.4	3.0
06	460	5520	2.0	4.0
04	560	6720	1.7	3.4

NO. OF POS.	PCS/TRAY	PCS/SHIPPING CARTON	KG/N.W.	KG/G.W.
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TOLERANCE		APPROVALS		DATE	TITLE				Amphenol® Amphenol Corporation Amphenol Taiwan Corporation				
X. ±0.30 X.X ±0.20 X.XX ±0.20 X.XXX ±0.10		DRAWN Aqua Chou		09/28/2021	G823 SERIES BOX HEADER 2.0MM PITCH R/A PCB MOUNT								
		CHECKED Karen Su		09/28/2021									
ANGULAR ±1°		APPROVED Roger Tsai		09/28/2021		UNIT mm	SIZE A3	PART No. G823 XX 2 X YBEU					
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE BHD		SCALE NA	SHEET 2 OF 2	DWG No. G823XX2XYBEU				REV. A1	