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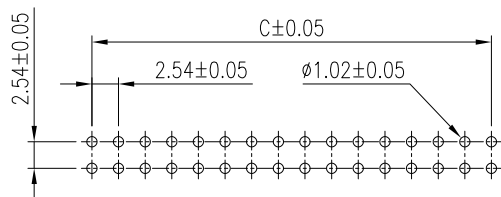
The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant.



ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
C	NE-13035	ADDED PNS	03/15/20213	Roger Tsai
D	NE-15085	ADDED PACKAGING	07/24/2015	Roger Tsai
E	NE-15115	ADDED POS.10 PACKAGING	09/15/2015	Roger Tsai
F	NE-16255	UPDATED DIM 8.75/6.40	05/02/2017	Roger Tsai
A1	NE-21066	ADDED 10u" GOLD	05/04/2021	Roger Tsai
B1	NE-25202	UPDATED TRAY PLACEMENT	2025-09-05	Joseph Jiang



RECOMMENDED PCB LAYOUT

NOTES:

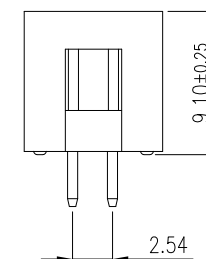
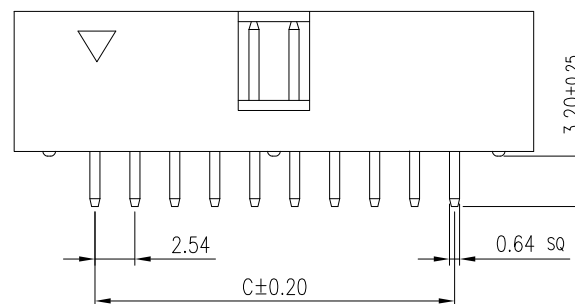
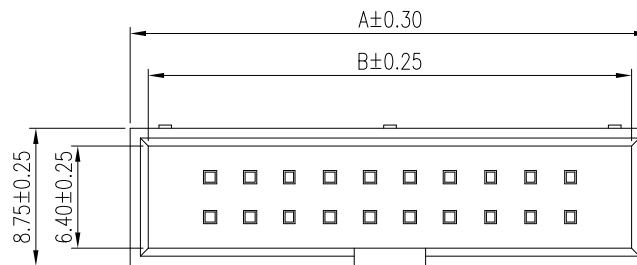
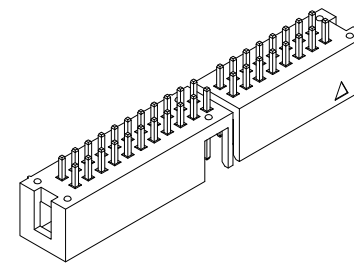
- INSULATOR: NYLON 6T, UL 94V-0, COLOR- OPTIONAL
- CONTACT: BRASS, SELECTIVE PLATING ON CONTACT AREA, SELECTIVE PLATING ON SOLDERING AREA, UNDER 50u" MIN. NICKEL PLATING OVERALL.
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2011/65/EU & 2015/863/EU FOR RoHS.
- THE PRODUCT MUST BE FOR DIP PROCESS ONLY

PART NO. G821EU X XX XX MOOY

COLOR
2: BLACK

NO. OF POSITIONS

CONTACT/SOLDER FINISH
AF: 15u" GOLD/GOLD FLASH
AM: 30u" GOLD/GOLD FLASH
AG: GOLD FLASH/GOLD FLASH
AK: GOLD FLASH/GOLD FLASH (FOR INVENTEC ONLY)
AT: 10u" GOLD/GOLD FLASH



G821 EU X 50 XX MOOY	50	71.12	68.82	60.96
G821 EU X 44 XX MOOY	44	63.50	61.20	53.34
G821 EU X 40 XX MOOY	40	58.42	56.12	48.26
G821 EU X 34 XX MOOY	34	50.80	48.50	40.64
G821 EU X 32 XX MOOY	32	48.26	45.96	38.10
G821 EU X 30 XX MOOY	30	45.72	43.42	35.56
G821 EU X 26 XX MOOY	26	40.64	38.34	30.48
G821 EU X 24 XX MOOY	24	38.10	35.80	27.94
G821 EU X 20 XX MOOY	20	33.02	30.72	22.86
G821 EU X 16 XX MOOY	16	27.94	25.64	17.78
G821 EU X 14 XX MOOY	14	25.40	23.10	15.24
G821 EU X 12 XX MOOY	12	22.86	20.56	12.70
G821 EU X 10 XX MOOY	10	20.32	18.02	10.16
G821 EU X 08 XX MOOY	8	17.78	15.48	7.62
G821 EU X 06 XX MOOY	6	15.24	12.94	5.08
PART NUMBER	NO. OF POS.	DIM. A	DIM. B	DIM. C

TOLERANCE	APPROVALS	DATE	TITLE		Amphenol®			
X. ±0.30	DRAWN Aqua Chou	2025-09-05	G821 SERIES BOX HEADER 2.54x2.54 PITCH STRAIGHT PCB MOUNT		Amphenol Corporation Amphenol Taiwan Corporation			
X.X ±0.20	CHECKED Debby Hung	2025-09-05						
X.XX ±0.10	APPROVED Joseph Jiang	2025-09-05						
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE BHD	UNIT mm	SIZE A3	PART No.	G821EUXXXXXMOOY		
UNLESS OTHERWISE SPECIFIED			SCALE NA	SHEET 1 OF 2	DWG No.	G821EUXXXXXMOOY		REV. B1

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A

B

C

D

E

F

A

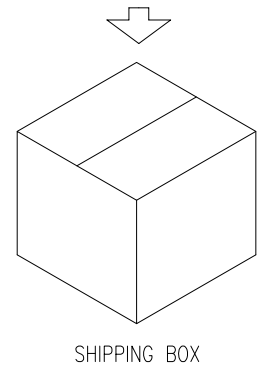
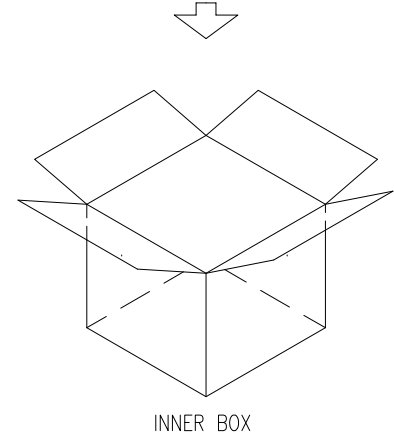
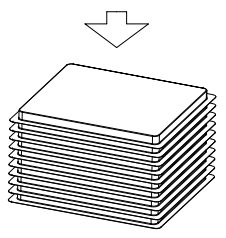
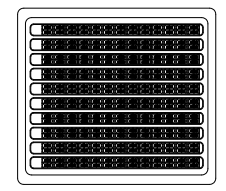
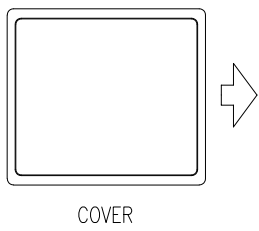
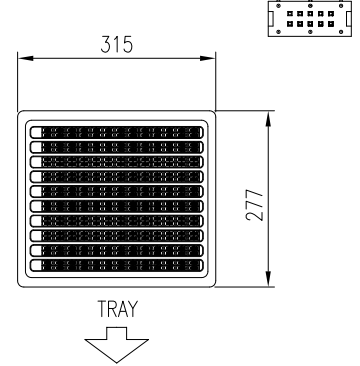
B

C

D

E

F



2*25=50	60	8	480
2*22=44	80	8	640
2*20=40	80	8	640
2*17=34	100	8	800
2*15=30	120	8	960
2*13=26	120	8	960
2*12=24	140	8	1120
2*10=20	160	8	1280
2*8=16	180	8	1440
2*7=14	200	8	1600
2*6=12	220	8	1760
2*5=10	260	8	2080
2*4=8	300	8	2400
2*3=6	340	8	2720
NO. OF POSITION	PCS/TRAY	TRAY/ INNER BOX	PCS/ SHIPPING BOX

TOLERANCE		APPROVALS		DATE	TITLE		Amphenol®			
X.		DRAWN	Aqua Chou	2025-09-05	G821 SERIES BOX HEADER 2.54x2.54 PITCH STRAIGHT PCB MOUNT		Amphenol Corporation Amphenol Taiwan Corporation			
X.X	±0.30	CHECKED	Debby Hung	2025-09-05						
X.XX	±0.20	APPROVED	Joseph Jiang	2025-09-05						
X.XXX	±0.10						PART No.	G821EUXXXXXM00Y		
ANGULAR	±1°	DWG TYPE	CUST DWG	PROJECT CODE	BHD		UNIT	mm	SIZE	A3
UNLESS OTHERWISE SPECIFIED							SCALE	NA	SHEET	2 OF 2
							DWG No.	G821EUXXXXXM00Y		B1