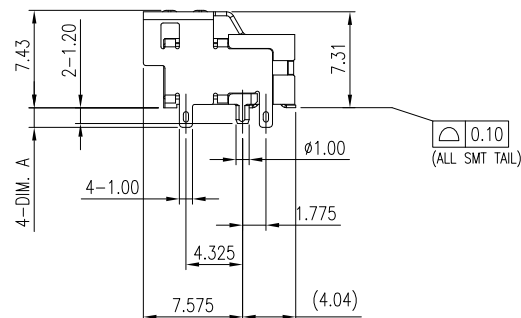
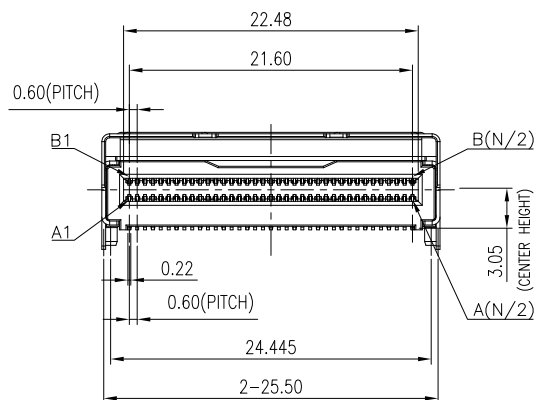
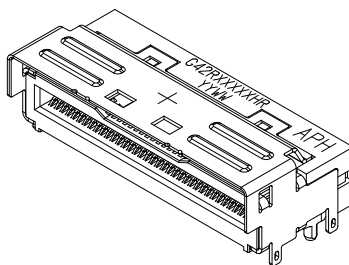
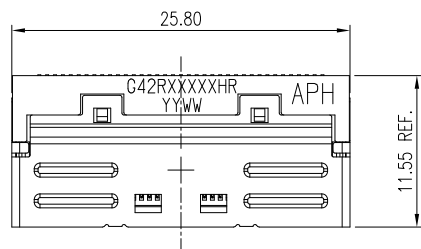


The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU for RoHS compliant or per IEC 61249-2-21 for Halogen-Free compliant.



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX16	N/A	ADD PCB(ADD IN CARD) DWG / NOTE	2019.10.01	IH. LEE
AX17	N/A	ADD DIMENSIONS	2019.10.14	IH. LEE
AX18	N/A	ADD PLATING PN	2019.11.07	IH. LEE
AX19	N/A	CHANGE THE SHELL DESIGN	2020.01.30	IH. LEE
AX20	N/A	CANCELED 38P, 50P & 148P	2020.04.16	Sandra Sang
AX21	N/A	CHANGED HSG STAND-OFF	2020.07.16	Sandra Sang



PART NUMBER:
G42 R X X X X X HR

MINI COOL EDGE IO
 INTEGRATED CONNECTOR

RIGHT ANGLE TYPE

CONNECTOR SPEED
 1: 56G FOR 85ohm
 A: 56G FOR 100ohm

CHANNEL/PIN QTY
 2: 74 PIN(8X+SIDEBAND OR 12X)
 4: 124 PIN(16X+SIDEBAND OR 20X)

CONTACT FINISH
 2: 15μ" GOLD
 3: 30μ" GOLD

COMPLIANT CODE
 HR: HALOGEN-FREE & RoHS

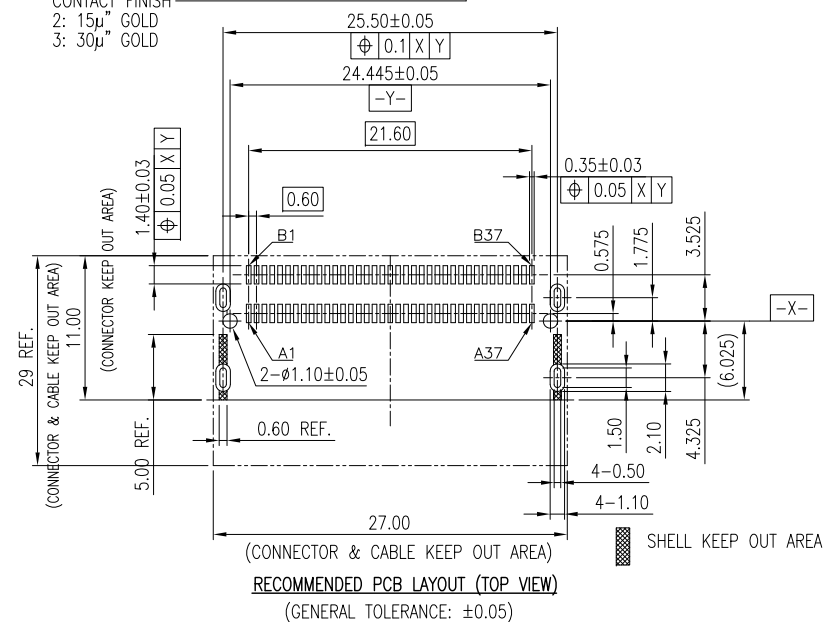
VARIATION CODE
 BLANK: STANDARD

PACKING CODE
 2: TAPE AND REEL

SHELL PIN LENGTH OPTIONS(DIM.A)
 1: 1.50mm
 2: 2.20mm
 3: 3.00mm
 4: 4.20mm
 5: 1.20mm

25.50±0.05

1 0 1 X Y



HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, COLOR-BLACK
 TERMINAL: COPPER ALLOY
 SHELL: STAINLESS STEEL

TERMINAL: CONTACT AREA: SELECTED GOLD PLATING
SOLDER AREA: 100u" MIN. MATTE TIN PLATING
UNDER PLATING: 50u" MIN. NICKEL OVERALL
SHELL: 50u" MIN. ELECTROLESS NICKEL PLATING OVERALL

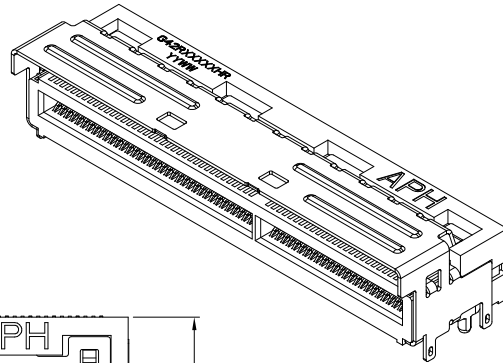
5. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2011/65/EC FOR RoHS AND PER IEC 61249-2-21 FOR HALOGEN FREE COMPLIANT.

74 POS.

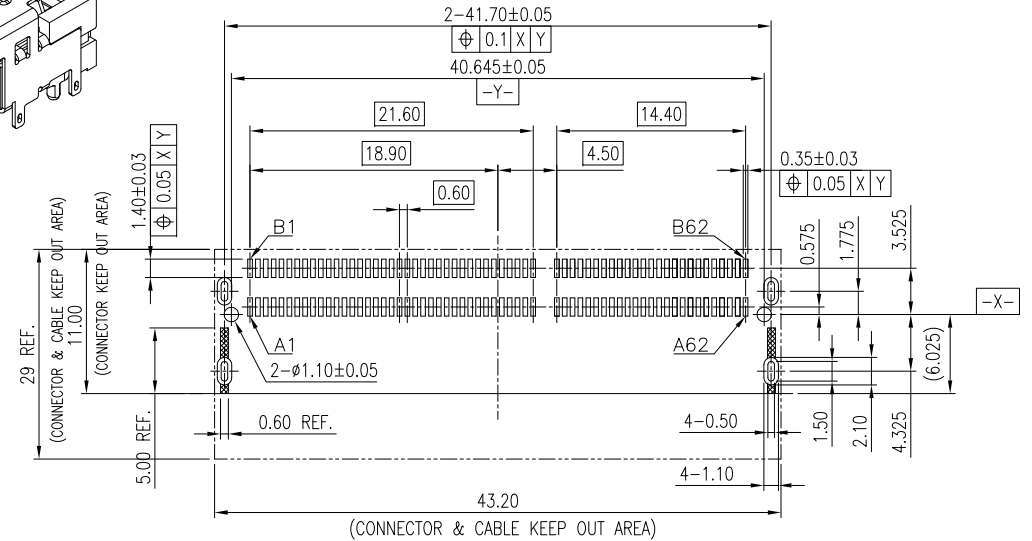
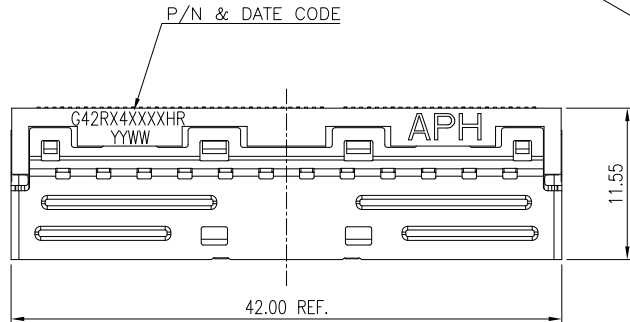
TOLERANCE	DRAWN APPROVALS		DATE	TITLE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DESIGNED	Sondra Sang	2020/07/16			UNIT	SIZE	PART No.	
	CHECKED	Joan Lu	2020/07/16			mm	A3	G42 R X 2 X X X X HR	
	APPROVED	Hank Hsu	2020/07/16			SCALE	SHEET	DWG No.	
ANGULAR ±2°	DWG TYPE	CUST DWG	PROJECT CODE			1	OF 5	G42RXXXXXHR REV. AX21	
UNLESS OTHERWISE SPECIFIED			T637						

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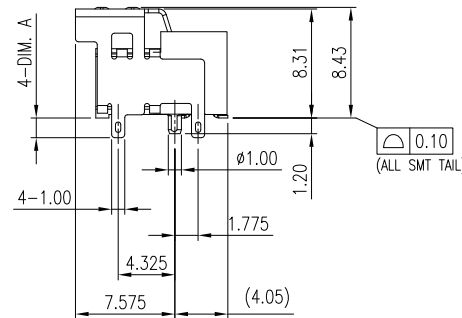
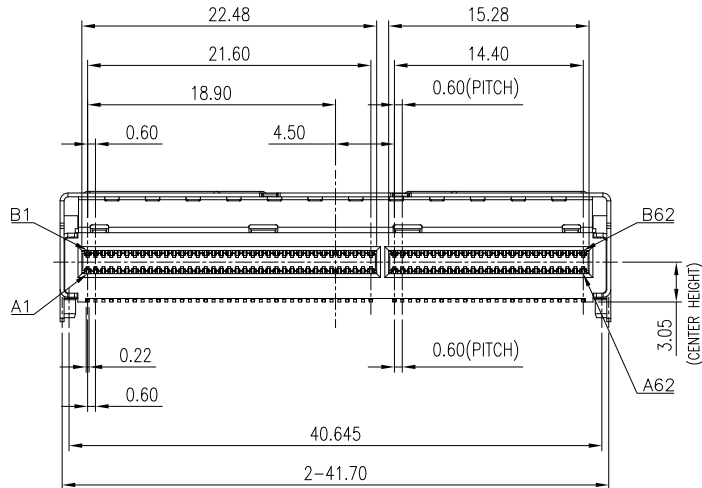
The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU for RoHS compliant or per IEC 61249-2-21 for Halogen-Free compliant.



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX16	N/A	ADD PCB(ADD IN CARD) DWG / NOTE	2019.10.01	IH. LEE
AX17	N/A	ADD DIMENSIONS	2019.10.14	IH. LEE
AX18	N/A	ADD PLATING PN	2019.11.07	IH. LEE
AX19	N/A	CHANGE THE SHELL DESIGN	2020.01.30	IH. LEE
AX20	N/A	CANCELED 38P, 50P & 148P	2020.04.16	Sondra Sang
AX21	N/A	CHANGED HSG STAND-OFF	2020.07.16	Sondra Sang



RECOMMENDED PCB LAYOUT (TOP VIEW)
(GENERAL TOLERANCE: ±0.05)



124 POS.

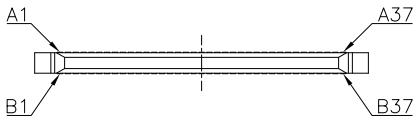
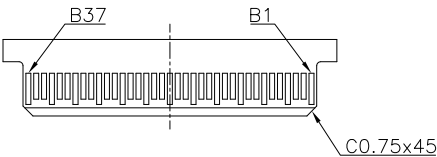
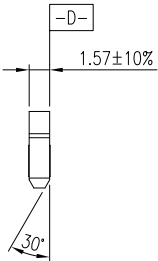
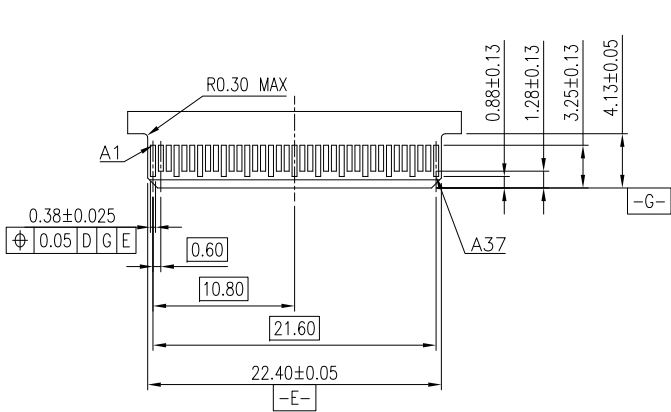
TOLERANCE		DRAWN APPROVALS		DATE	TITLE				Amphenol® Amphenol Corporation Amphenol Taiwan Corporation					
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DESIGNED	Sondra Sang	2020/07/16	MINI COOL EDGE IO INTEGRATED CONNECTOR 0.6 PITCH, STANDARD RIGHT ANGLE SMT									
		CHECKED	Joan Lu	2020/07/16										
		APPROVED	Hank Hsu	2020/07/16										
ANGULAR ±2°						UNIT	mm	SIZE	A3	PART No.	G42 R X 4 X X X X HR			
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE		SCALE	NA	SHEET	2 OF 5	DWG No.	G42RXXXXXHR		REV	AX21

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REVISIONS				
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AX16	N/A	ADD PCB(ADD IN CARD) DWG / NOTE	2019.10.01	IH. LEE
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AX18	N/A	ADD PLATING PN	2019.11.07	IH. LEE
AX19	N/A	CHANGE THE SHELL DESIGN	2020.01.30	IH. LEE
AX20	N/A	CANCELED 38P, 50P & 148P	2020.04.16	Sondra Sang
AX21	N/A	CHANGED HSG STAND-OFF	2020.07.16	Sondra Sang



RECOMMENDED MATTING CARD DIMENSIONS (74 PIN)
(GENERAL TOLERANCE: ±0.05)

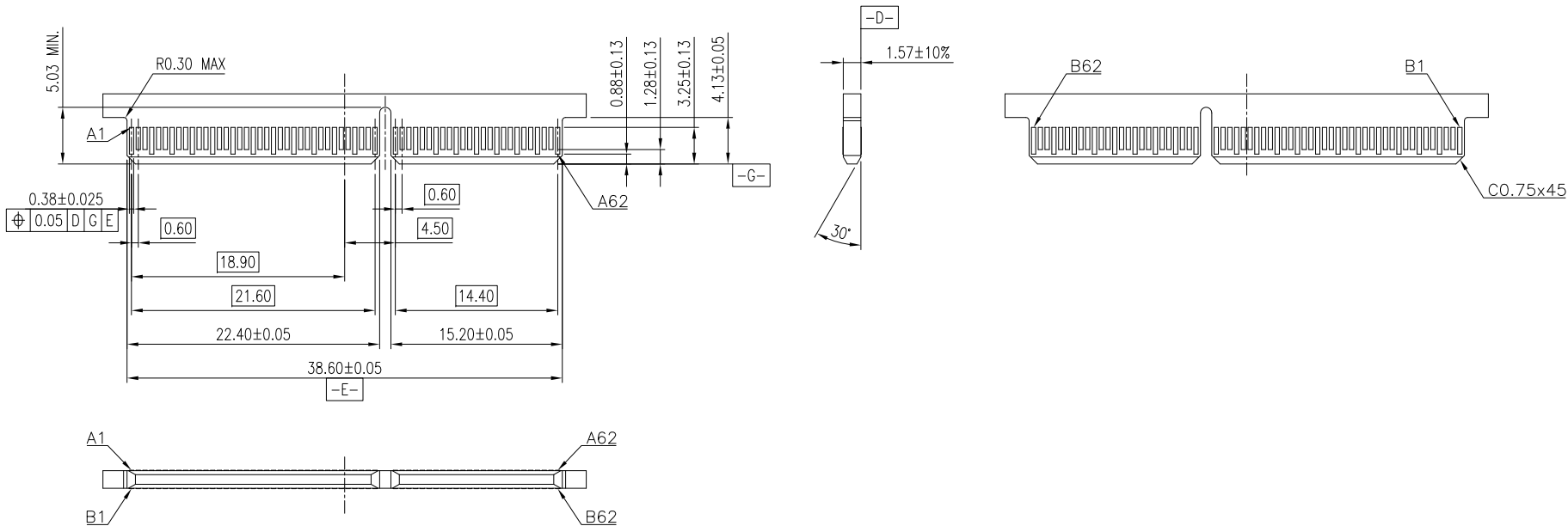
TOLERANCE		DRAWN	APPROVALS	DATE	TITLE				Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X X.XX X.XXX	±0.30 ±0.20 ±0.10	DESIGNED	Sondra Sang	2020/07/16	MINI COOL EDGE IO INTEGRATED CONNECTOR 0.6 PITCH, STANDARD RIGHT ANGLE SMT 							
		CHECKED	Joan Lu	2020/07/16								
		APPROVED	Hank Hsu	2020/07/16								
ANGULAR ±2°		DWG TYPE	CUST DWG	PROJECT CODE T637	UNIT	mm	SIZE	A3	PART No.	G42 R X 2 X X X X HR		
UNLESS OTHERWISE SPECIFIED					SCALE	NA	SHEET	3 OF 5	DWG No.	G42RXXXXXHR		
									REV.	AX21		

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REVISIONS				
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AX17	N/A	ADD DIMENSIONS	2019.10.14	IH. LEE
AX18	N/A	ADD PLATING PN	2019.11.07	IH. LEE
AX19	N/A	CHANGE THE SHELL DESIGN	2020.01.30	IH. LEE
AX20	N/A	CANCELED 38P, 50P & 148P	2020.04.16	Sondra Sang
AX21	N/A	CHANGED HSG STAND-OFF	2020.07.16	Sondra Sang



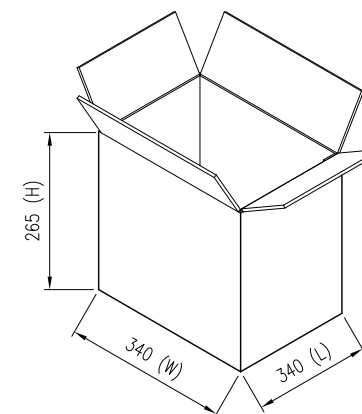
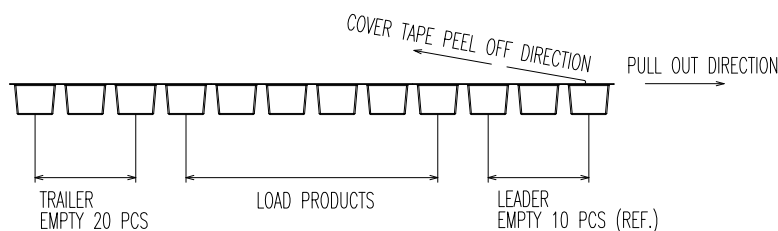
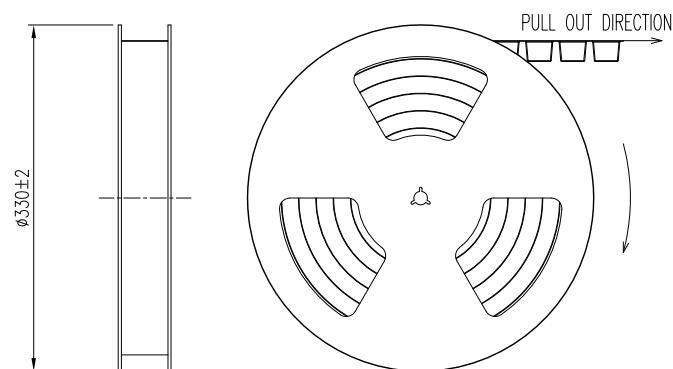
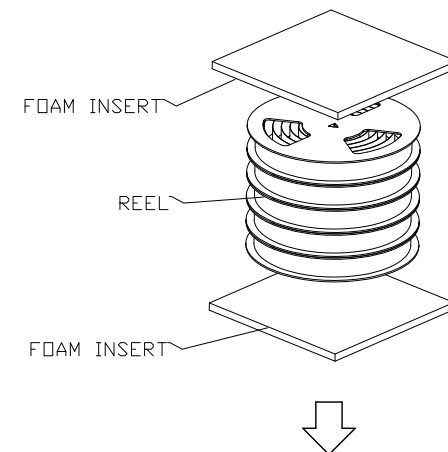
RECOMMENDED MATTING CARD DIMENSIONS (124 PIN)
(GENERAL TOLERANCE: ±0.05)

TOLERANCE		DRAWN	APPROVALS	DATE	TITLE				Amphenol® Amphenol Corporation Amphenol Taiwan Corporation					
X. X.X X.XX X.XXX ANGULAR	±0.30 ±0.20 ±0.10 ±2°	DESIGNED	Sondra Sang	2020/07/16	MINI COOL EDGE IO INTEGRATED CONNECTOR 0.6 PITCH, STANDARD RIGHT ANGLE SMT									
		CHECKED	Joan Lu	2020/07/16										
		APPROVED	Hank Hsu	2020/07/16										
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE			UNIT	mm	SIZE	A3	PART No.	G42 R X X X X X X HR		
				T637			SCALE	NA	SHEET	4 OF 5	DWG No.	G42RXXXXXHR	REV.	AX21

The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU for RoHS compliant or per IEC 61249-2-21 for Halogen-Free compliant.

PART NUMBER	POS. (N)	DIM. J	DIM. K	DIM. L	DIM. M	REEL (PCS)	CARTON (PCS)
G97RX2XXXHR	74	(32.5)	40.40	44.00	20.00	240	960
G97RX4XXXHR	124	(49.5)	68.40	72.00	20.00	220	660

REVISIONS				
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AX16	N/A	ADD PCB(ADD IN CARD) DWG / NOTE	2019.10.01	IH. LEE
AX17	N/A	ADD DIMENSIONS	2019.10.14	IH. LEE
AX18	N/A	ADD PLATING PN	2019.11.07	IH. LEE
AX19	N/A	CHANGE THE SHELL DESIGN	2020.01.30	IH. LEE
AX20	N/A	CANCELED 3BP, 50P & 148P	2020.04.16	Sondra Sang
AX21	N/A	CHANGED HSG STAND-OFF	2020.07.16	Sondra Sang



NOTE 2:
1. CARTON SIZE
340L X 340W X 265H
2. PREFER TO AMTA LABELING STANDARD.
3. CARTON CLOSURES MUST BE SEALS WITH TAPE.

1.MATERIAL:

CARRIER TAPE: POLYSTYRENE, BLACK
COVER TAPE: TRANSPARENT POLYSTYRENE
REEL: POLYSTYRENE, BLACK

2. ALL TAPE AND REEL SPECIFICATION FOLLOW EIA-481 STANDARD.
3. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZRDOUS
PER DIRECTIVE 2002/95/EC FOR RoHS.

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	Sondra Sang	2020/07/16	MINI COOL EDGE 10 INTEGRATED CONNECTOR 0.6 PITCH, STANDARD RIGHT ANGLE SMT								
		CHECKED	Joan Lu	2020/07/16									
		APPROVED	Hank Hsu	2020/07/16									
ANGULAR ±2°					UNIT	mm	SIZE	A3	PART No.	G42 R X X X X X X HR			
UNLESS OTHERWISE SPECIFIED		DWG TYPE	CUST DWG	PROJECT CODE	T637	SCALE	NA	SHEET	5 OF 5	DWG No.	G42RXXXXXHR	REV	AX21