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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 2011/65/EU for RoHS compliant.



ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-17234	RELEASE REVISION	09/05/2017	Roger Tsai
B	NE-18022	ADDED PLATING OPTION	01/25/2018	Roger Tsai
C	NE-18154	ADDED 24POS. PKG	08/01/2018	Roger Tsai

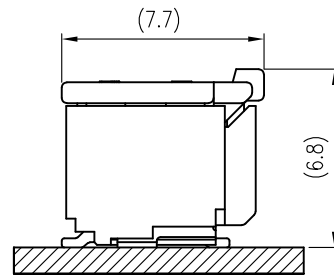
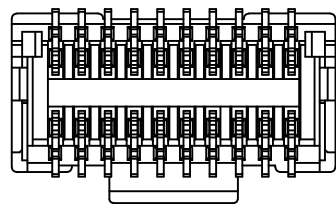
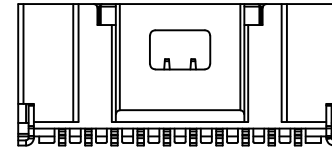
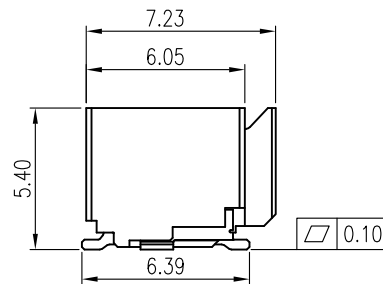
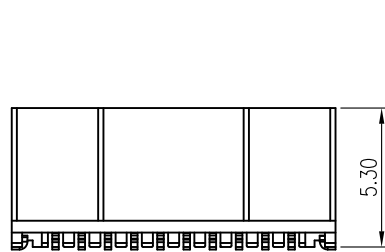
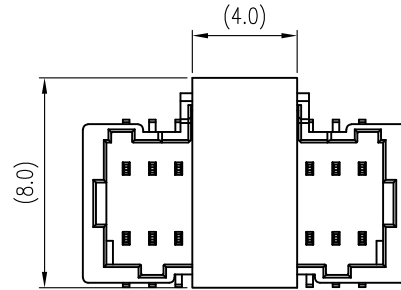
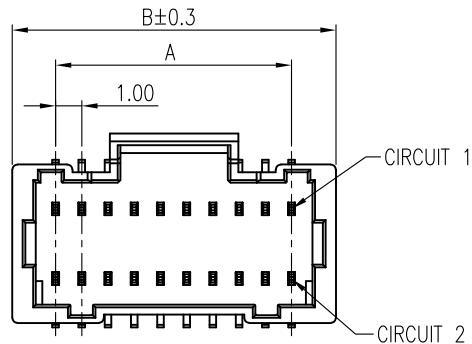
NOTES:

- MATERIAL:
  - HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, NYLON 4T, UL94V-0, COLOR: OPTION.
  - CAP: HIGH TEMPERATURE THERMAL PLASTIC, LCP, UL94V-0, COLOR: BLACK.
  - TERMINAL: COPPER ALLOY.
  - FITTING NAIL: COPPER ALLOY.
- FINISH:
  - TERMINAL:
    - CONTACT AREA: SELECTIVE PLATING;
    - SOLDER AREA: GOLD FLASH PLATING;
    - UNDER PLATING: NICKEL PLATING 50u" THICKNESS MIN. OVERALL.
  - FITTING NAIL:
    - 100u" MATTE TIN PLATING OVERALL;
    - UNDER PLATING: NICKEL PLATING 50u" THICKNESS MIN. OVERALL.
- PACKING IS PER AMTA PACKING SPECIFICATION PKS-0001.
- THIS PRODUCT IS HALOGEN-FREE PRODUCT.
- PRODUCT SPECIFICATION REFER TO : PS-7623.
- RECOMMENDED MATING PART: G842AHXXT6EU/G842ACX1XT6EU.

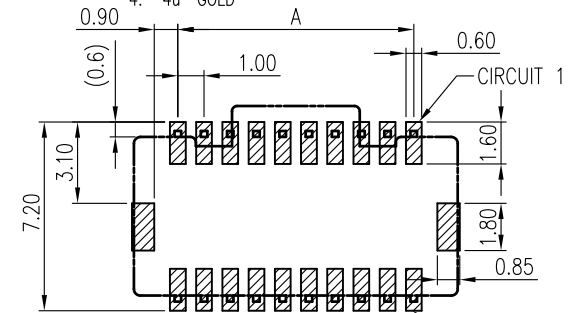
PART NO. G846A XX 2 X 0 X T1HR

NO. OF POS.

CONTACT FINISH	COLOR
0: FULL 100u" MATTE TIN	0: NATURAL
1: GOLD FLASH	1: BLACK
2: 15u" GOLD	
3: 30u" GOLD	
4: 4u" GOLD	

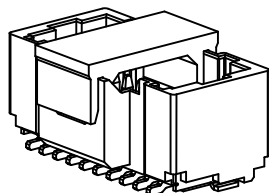


MATING CONDITION (REF.)



RECOMMENDED PCB LAYOUT  
GENERAL TOLERANCE ±0.05

PIN	DIM.(mm)	
	A	B
2x10	9.00	12.35
2x12	11.00	14.35
2x15	14.00	17.35
2x20	19.00	22.35
2x25	24.00	27.35



TOLERANCE		APPROVALS		DATE	TITLE		Amphenol®		
X.		DRAWN Aqua Chou		08/01/2018	G846A SERIES, WIRE TO BOARD		Amphenol Corporation		
X.X	±0.30	CHECKED Karen Su		08/01/2018	1.00 PITCH, DUAL ROWS		Amphenol Taiwan Corporation		
X.XX	±0.20	APPROVED Roger Tsai		08/01/2018	VERTICAL, SMT TYPE		UNIT mm	SIZE A3	PART No. G846AXX2X0XT1HR
X.XXX	±0.10	DWG TYPE CUST DWG		PROJECT CODE BHD	SCALE NA	SHEET 1 OF 2	DWG No. G846AXX2X0XT1HR		REV. C
ANGULAR	±1°	UNLESS OTHERWISE SPECIFIED							

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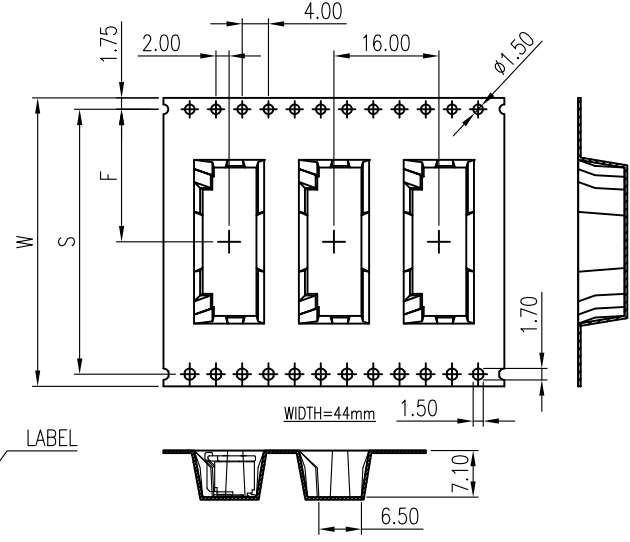
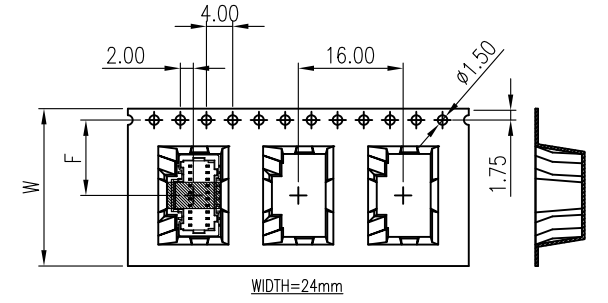
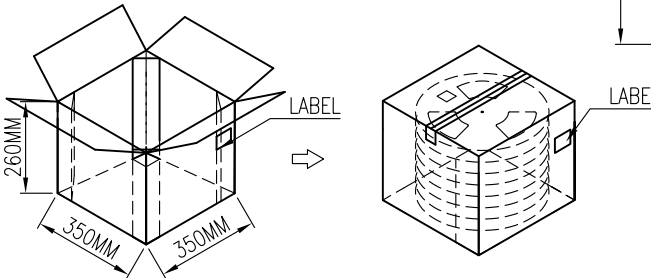
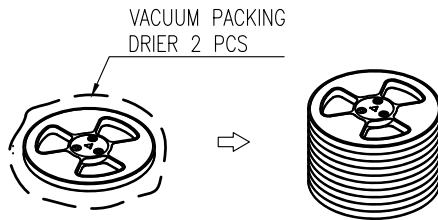
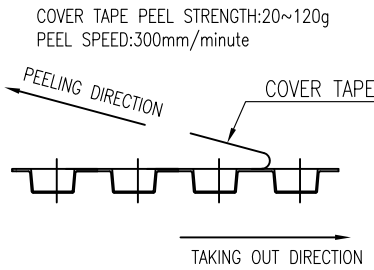
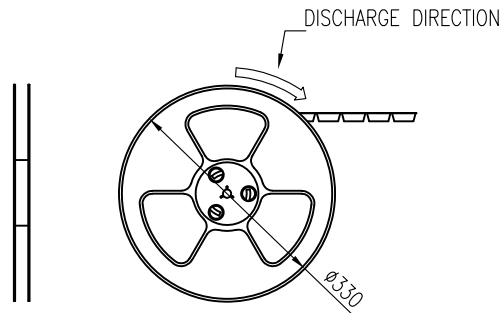
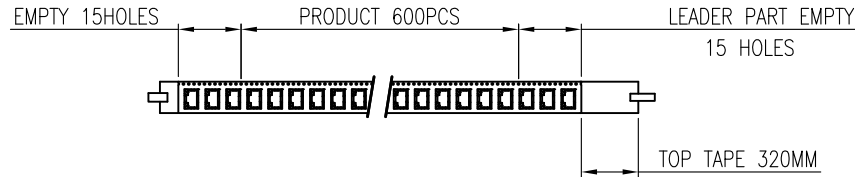
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ORIGINAL



REVISIONS				
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NO. OF CIRCUIT	W	S	F	REEL /PCS	CARTON /R	CARTON /PCS
2X10=20	24	/	11.50	600	8	4800
2X12=24/2X15=30	32	28.4	14.20	600	6	3600
2X20=40/2X25=50	44	40.4	20.20	600	5	3000

TOLERANCE	APPROVALS	DATE	TITLE		PART No.		
X. ±0.30	DRAWN Aqua Chou	08/01/2018	G846A SERIES, WIRE TO BOARD 1.00 PITCH, VERTICAL SMT TYPE		<b>Amphenol®</b> Amphenol Corporation Amphenol Taiwan Corporation		
X.X ±0.20	CHECKED Karen Su	08/01/2018					
X.XXX ±0.10	APPROVED Roger Tsai	08/01/2018					
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE BHD	UNIT mm	SCALE NA	SIZE A3	G846AXX2X0XT1HR	
UNLESS OTHERWISE SPECIFIED			SHEET 2 OF 2	DWG No. G846AXX2X0XT1HR		REV. C	