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The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.

A

B

C

D

E

F

ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-17252	RELEASE REVISION	08/31/2017	Roger Tsai

NOTES:

1. MATERIAL

HOUSING: HIGH TEMPERATURE THERMAL PLASTIC LCP, UL94V-0, COLOR: BLACK.

INSERT: HIGH TEMPERATURE THERMAL PLASTIC LCP, UL94V-0, COLOR: BLACK.

TERMINAL: COPPER ALLOY.

SHELL: COPPER ALLOY.

2. FINISH

TERMINAL:

CONTACT AREA: SELECTED GOLD PLATING;

SOLDERING AREA: MATTE TIN PLATING 100 μ " THICKNESS MIN.;

UNDER PLATING: NICKEL PLATING 50 μ " THICKNESS MIN. OVERALL

SHELL:

NICKEL PLATING 50 μ " THICKNESS MIN. OVERALL

3. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS

PER DIRECTIVE 2011/65/EU FOR RoHS COMPLIANT.

4. PRODUCT SPECIFICATION REFER TO: PS-7536



A

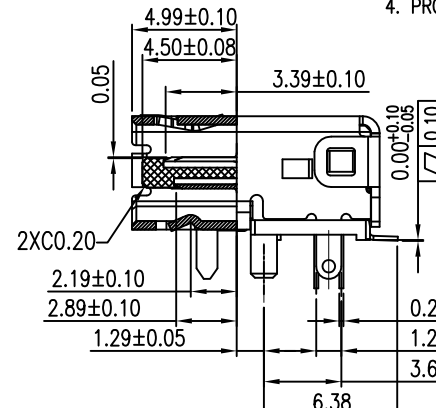
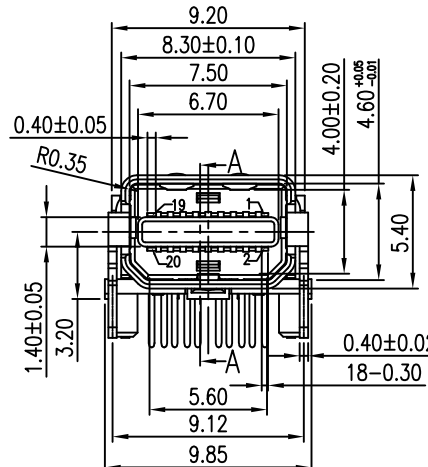
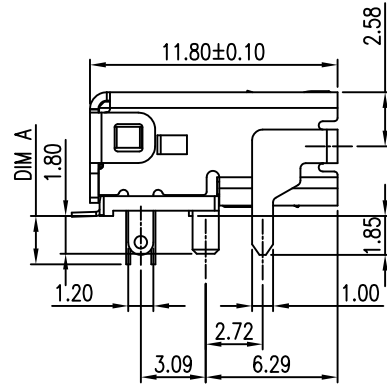
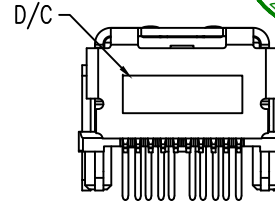
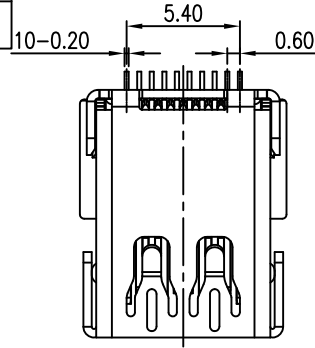
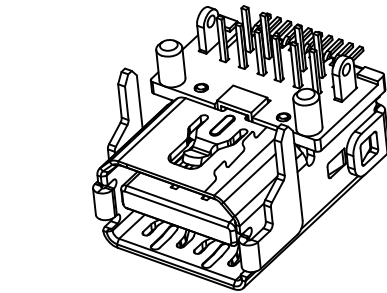
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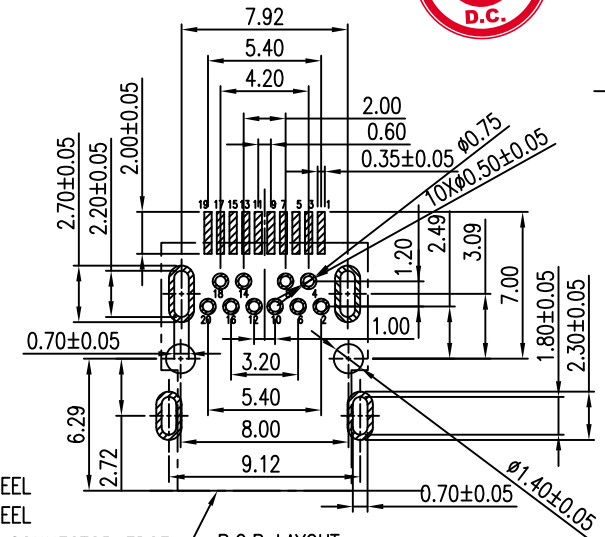
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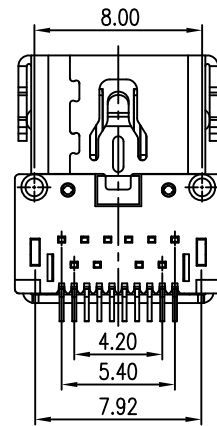


SECTION A-A



CONNECTOR EDGE P.C.B LAYOUT COMPONENT SIDE

Top Row			Bottom Row		
Pin Number	Signal Type	Pin Name	Pin Number	Signal Type	Pin Name
1	GND	GND	2	In	HotPlug Detect
3	Out	ML_Lane 0(p)	4	CONFIG	CONFIG1
5	Out	ML_Lane 0(n)	6	CONFIG	CONFIG2
7	GND	GND	8	GND	GND
9	Out	ML_Lane 1(p)	10	Out	ML_Lane 3(p)
11	Out	ML_Lane 1(n)	12	Out	ML_Lane 3(n)
13	GND	GND	14	GND	GND
15	Out	ML_Lane 2(p)	16	I/O	AUX_CH(p)
17	Out	ML_Lane 2(n)	18	I/O	AUX_CH(n)
19	GND	GND	20	PWR Out	DP_PWR



PART NO. G46M20 X 3201 X X WEU

CONTACT FINISH

1: 15 μ " GOLD

2: 30 μ " GOLD

DIM A / PACKAGE:

A: 2.20 (PCB T=1.60)/TUBE

AT: 2.20 (PCB T=1.60)/TAPE & REEL

BT: 3.10 (PCB T=2.50)/TAPE & REEL

TOLERANCE	APPROVALS	DATE	TITLE		Amphenol®	
X. ±0.30	DRAWN Sandy Wu	08/31/2017	G46M SERIES (VESA TYPE) MINI DISPLAYPORT RECEPTACLE		Amphenol Corporation Amphenol Taiwan Corporation	
X.X ±0.20	CHECKED Debby Hung	08/31/2017				
X.XX ±0.10	APPROVED Roger Tsai	08/31/2017			PART No. G46M20X3201XXWEU	
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE OTHER			DWG No. G46M20X3201XXWEU	
UNLESS OTHERWISE SPECIFIED	UNIT mm	SCALE NA	SIZE A3	SHEET 1 OF 3	REV. A	

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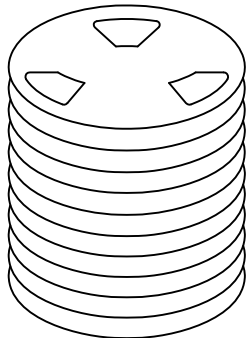
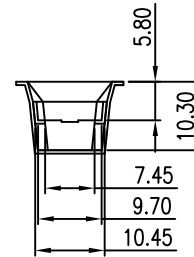
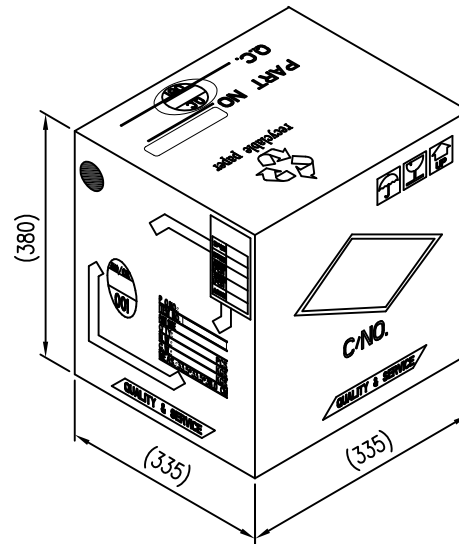
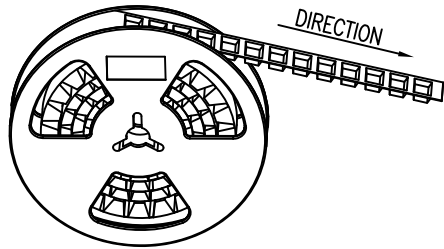
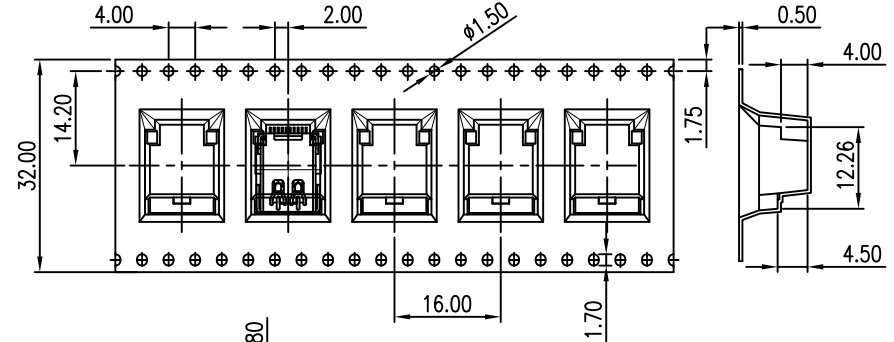
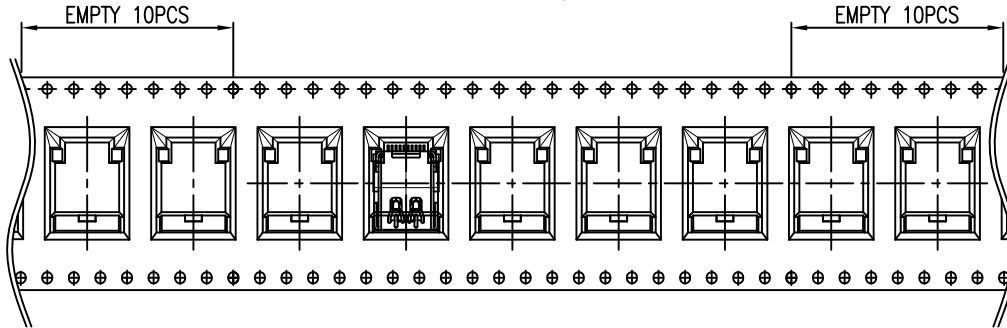


ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-17252	RELEASE REVISION	08/31/2017	Roger Tsai

DIRECTION



G46M20X3201BTWEU	380	10	3800	5.59	9.87
G46M20X3201ATWEU	380	10	3800	5.59	9.87
PN	REEL /PCS	CARTON /R	CARTON /PCS	N.W(Kg)	G.W(Kg)

TOLERANCE		APPROVALS		DATE	TITLE			Amphenol®		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN	Sandy Wu	08/31/2017	G46M SERIES (VESA TYPE) MINI DISPLAYPORT RECEPTACLE			Amphenol Corporation Amphenol Taiwan Corporation		
		CHECKED	Debby Hung	08/31/2017						
		APPROVED	Roger Tsai	08/31/2017						
ANGULAR ±1°										

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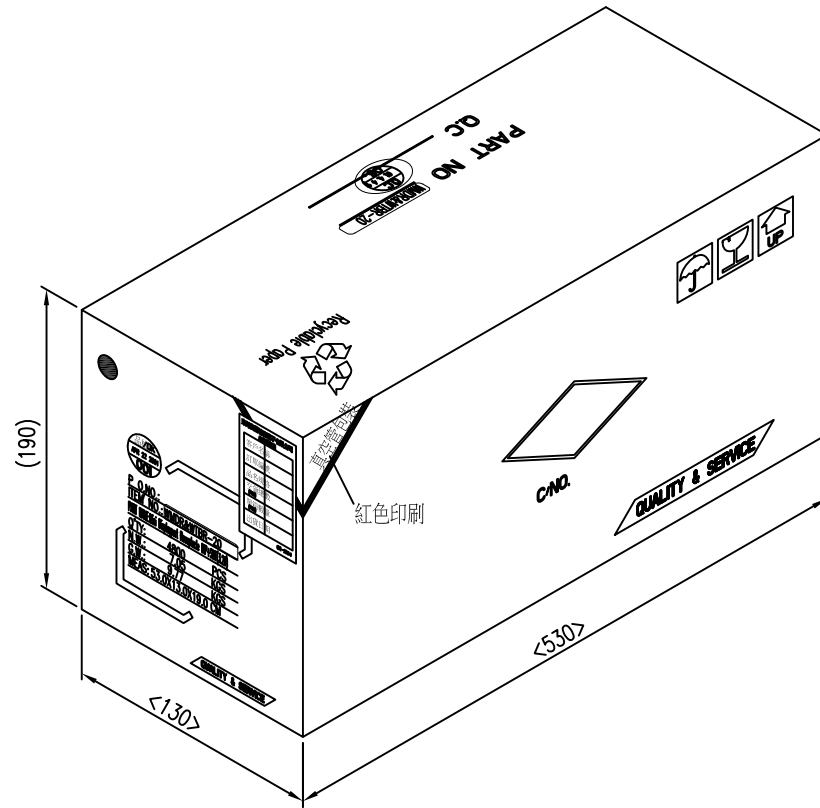
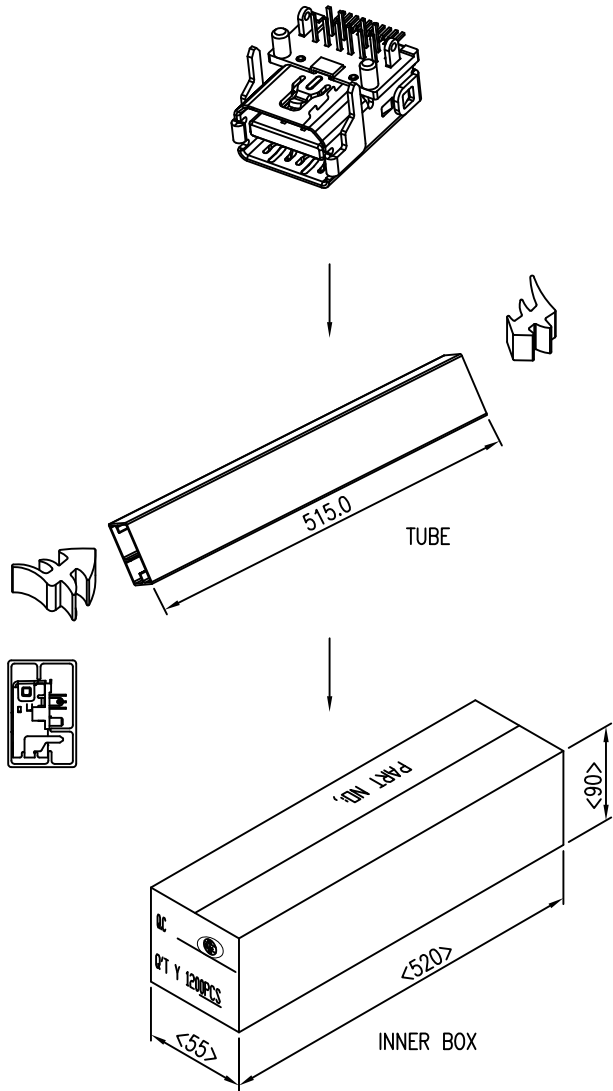
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ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-17252	RELEASE REVISION	08/31/2017	Roger Tsai



G46M20X3201AWEU	50	12	2	4	4800	7.05	9.77
PN	TUBE /PCS	BUNDLE /TUBE	INNER BOX/ BUNDLE	CARTON/ INNER BOX	CARTON /PCS	N.W(Kg)	G.W(Kg)

TOLERANCE		APPROVALS		DATE		G46M SERIES (VESA TYPE) MINI DISPLAYPORT RECEPTACLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10		DRAWN Sandy Wu		08/31/2017							
		CHECKED Debby Hung		08/31/2017							
		APPROVED Roger Tsai		08/31/2017							
ANGULAR ±1°				08/31/2017				UNIT mm	SIZE A3	PART No. G46M20X3201XXWEU	
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE OTHER				SCALE NA	SHEET 3 OF 3	DWG No. G46M20X3201XXWEU	REV. A