

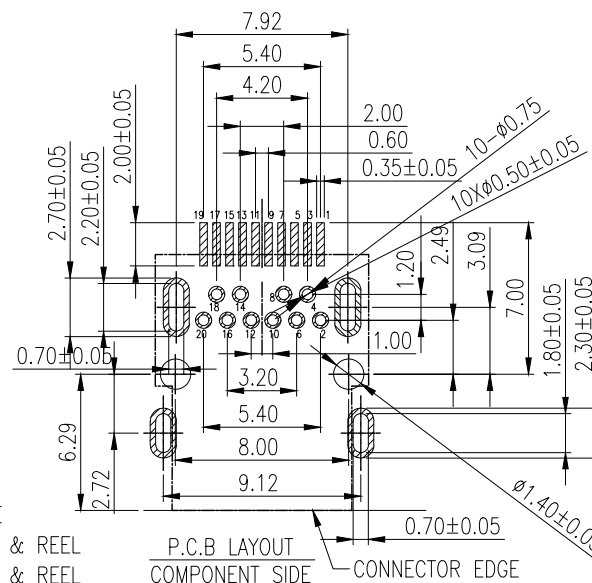
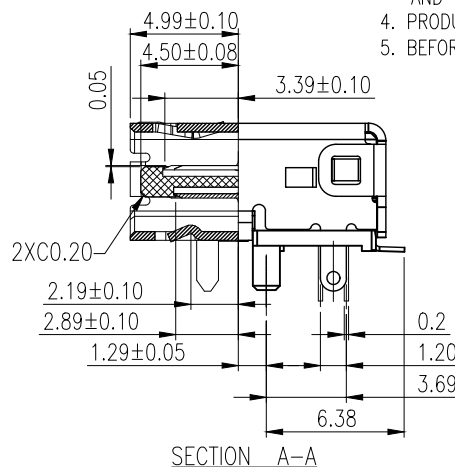
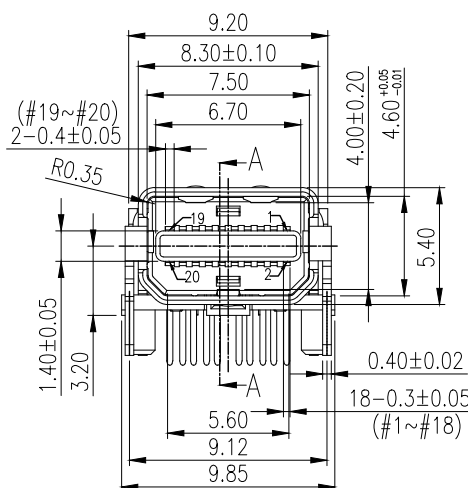
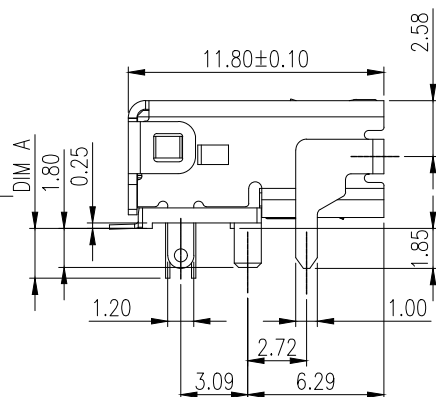
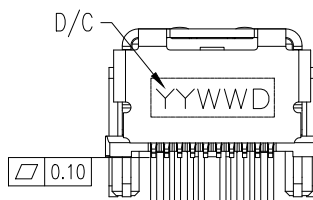
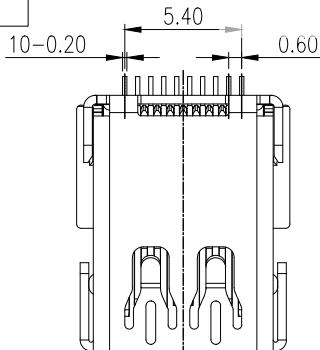
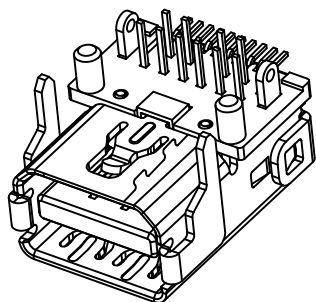
The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant and per IEC 61249-2-21 for Halogen-Free compliant.

ORIGINAL

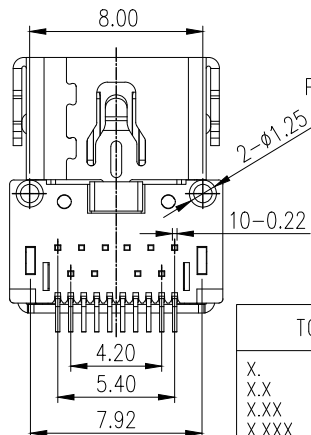


NOTES:

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 & 2015/863/EU FOR RoHS COMPLIANT.
AND PER IEC 61249-2-21 FOR HALOGEN-FREE COMPLIANT.
4. PRODUCT SPECIFICATION REFER TO: PS-7536
5. BEFORE IR REFLOW, COPLANARITY OF SOLDER PINS 0.10MM MAX.



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

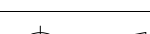


PART NO. G46M20 X 3201 X X WEU

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
CT: 1.60 (PCB T=1.00)/TAPE & REEL

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 Karen Su	2021-06-10			Part No. G46M20X3201XXWEU		
	CHECKED Aqua Chou	2021-06-10					
	APPROVED Roger Tsai	2021-06-10					
ANGULAR ±2°	DWG TYPE CUST DWG	PROJECT CODE OTHER	UNIT mm	SIZE A3	DWG No. G46M20X3201XXWEU		
UNLESS OTHERWISE SPECIFIED			SCALE NA	SHEET 1 OF 3	REV. C		

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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 and per IEC 61249-2-21 for Halogen-Free compliant.

ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-17252	RELEASE REVISION	2017-08-31	Sandy Wu
B	NE-18082	REMOVE G46M20X3201BTWEU TAIL LENGTH: 3.10 W/TUBE	2018-05-17	Sandy Wu
C	NE-20185	UPDATE NOTE NO.3 /PACKAGE/ADDED DIM. 0.25(POSITION C1) /ADDED TAIL LENGTH 1.6mm FOR DIM.A	2021-06-10	Karen Su

A

A

B

B

C

C

D

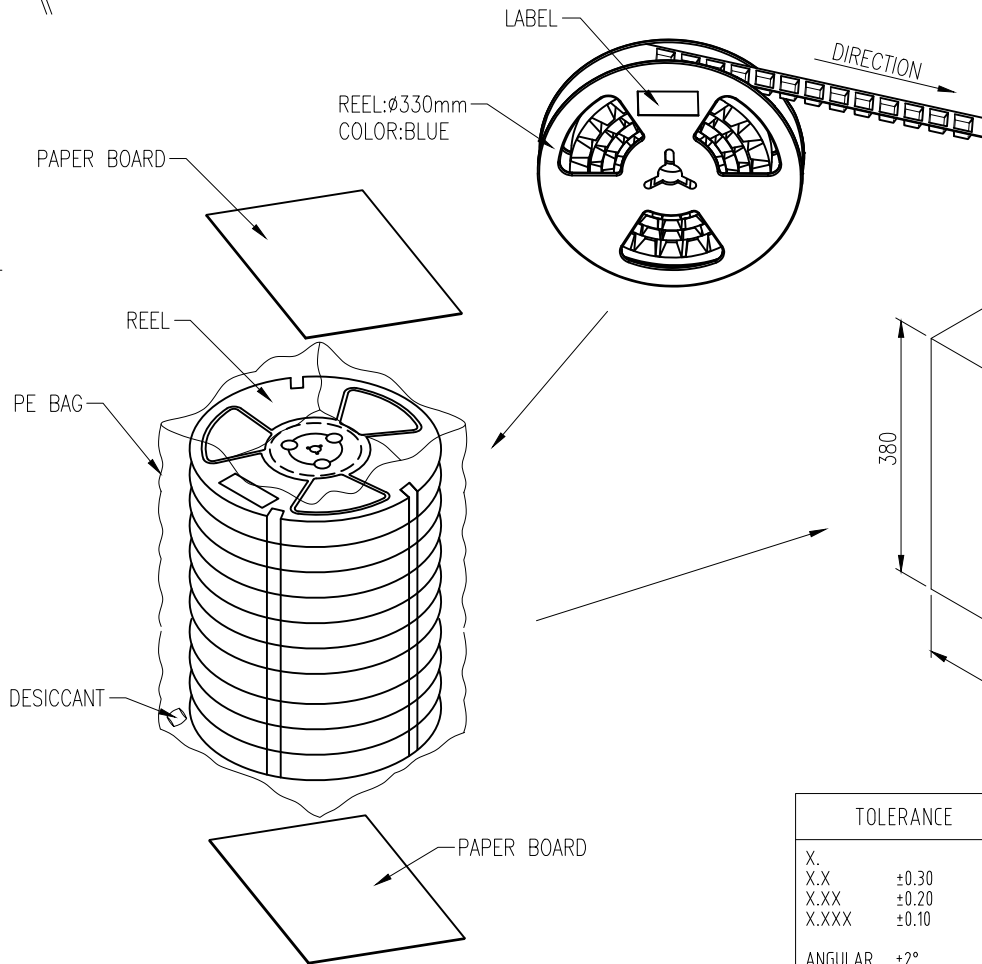
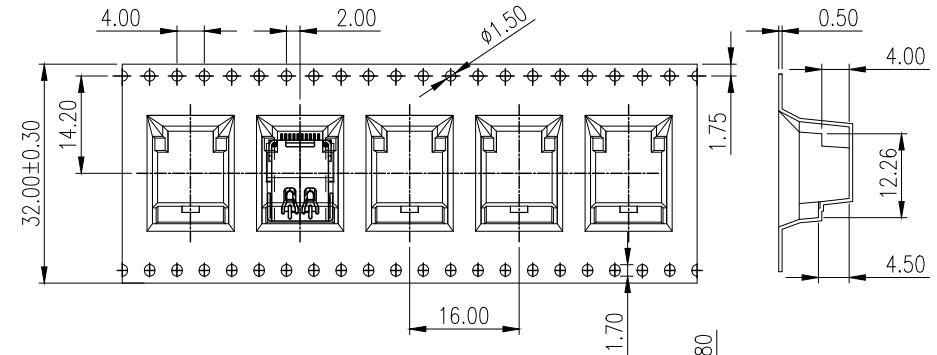
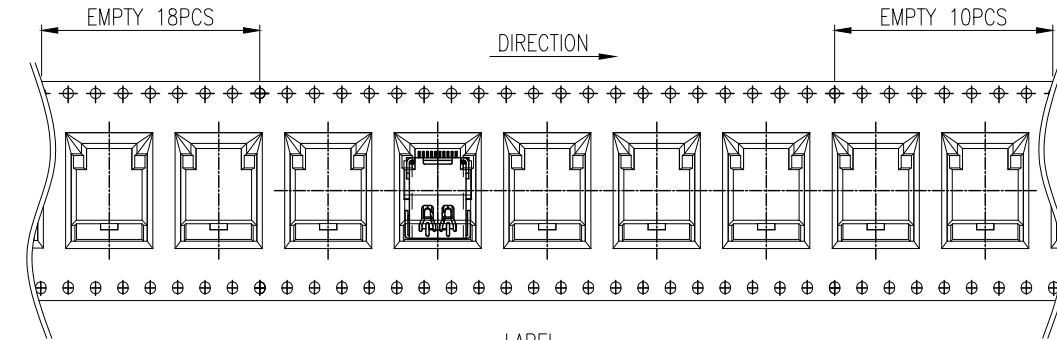
D

E

E

F

F



G46M20X3201BTWEU	380	10	3800	6.16	9.72
G46M20X3201ATWEU	380	10	3800	6.16	9.72
PN	REEL /PCS	CARTON /REELS	CARTON /PCS	N.W(Kg)	G.W(Kg)

TOLERANCE	DRAWN	APPROVALS	DATE	TITLE	
X. X.X X.XX X.XXX	DESIGNED	Karen Su	2021-06-10	G46M SERIES (VESA TYPE) MINI DISPLAYPORT RECEPTACLE	
ANGULAR ±2°	CHECKED	Aqua Chou	2021-06-10		
UNLESS OTHERWISE SPECIFIED	APPROVED	Roger Tsai	2021-06-10		
	DWG TYPE	CUST DWG	PROJECT CODE	OTHER	

UNIT	mm	SIZE	A3	PART No. G46M20X3201XXWEU	
SCALE	NA	SHEET	2 OF 3		
		DWG No.	G46M20X3201XXWEU	REV.	C

Amphenol®

Amphenol Corporation
Amphenol Taiwan Corporation

G46M20X3201XXWEU

G46M20X3201XXWEU

C

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ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
A	NE-17252	RELEASE REVISION	2017-08-31	Sandy Wu
B	NE-18082	REMOVE G46M20X3201BWEU TAIL LENGTH: 3.10 W/TUBE	2018-05-17	Sandy Wu
C	NE-20185	UPDATE NOTE NO.3 /PACKAGE/ADDED DIM. 0.25(POSITION C1) /ADDED TAIL LENGTH 1.6mm FOR DIM.A	2021-06-10	Karen Su

A

A

B

B

C

C

D

D

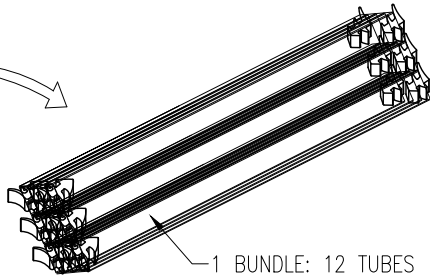
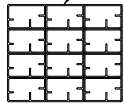
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E

F

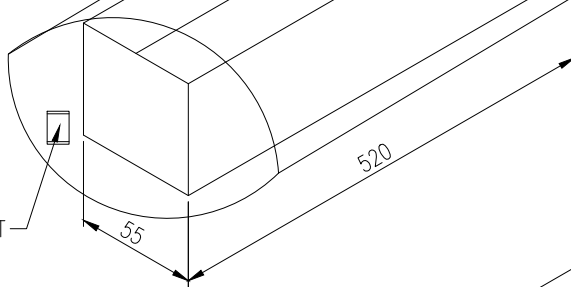
F

12 TUBES

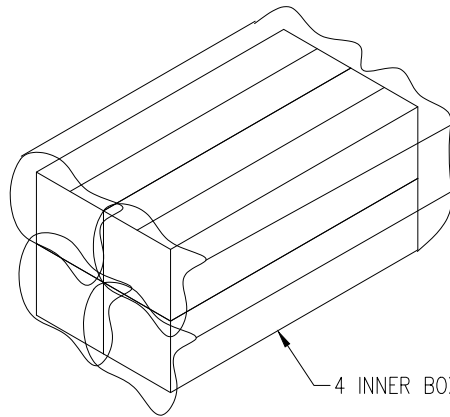


1 BUNDLE: 12 TUBES

1 INNER BOX: 2 BUNDLES



DESICCANT



4 INNER BOXS

90

PE BAG

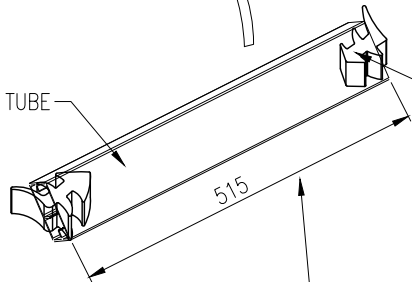
CARTON

200

130

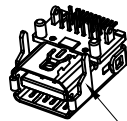
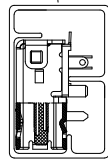
530

TUBE



RUBBER PLUG

515



PRODUCT

G46M20X3201AWEU	50	12	2	4	4800	6.81	10.00
PN	TUBE /PCS	BUNDLE /TUBES	INNER BOX/ BUNDLES	CARTON/ INNER BOXS	CARTON /PCS	N.W(Kg)	G.W(Kg)

TOLERANCE		DRAWN	APPROVALS	DATE	TITLE			Amphenol®		
X. X.X X.XX X.XXX		±0.30 ±0.20 ±0.10	DESIGNED Karen Su	2021-06-10	G46M SERIES (VESA TYPE) MINI DISPLAYPORT RECEPTACLE			Amphenol Corporation Amphenol Taiwan Corporation		
		CHECKED Aqua Chou	2021-06-10							
ANGULAR		±2°	APPROVED Roger Tsai	2021-06-10		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. C



UNIT
mm

SIZE
A3

SCALE
NA

SHEET
3 OF 3

DWG No.
G46M20X3201XXWEU

REV.
C

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