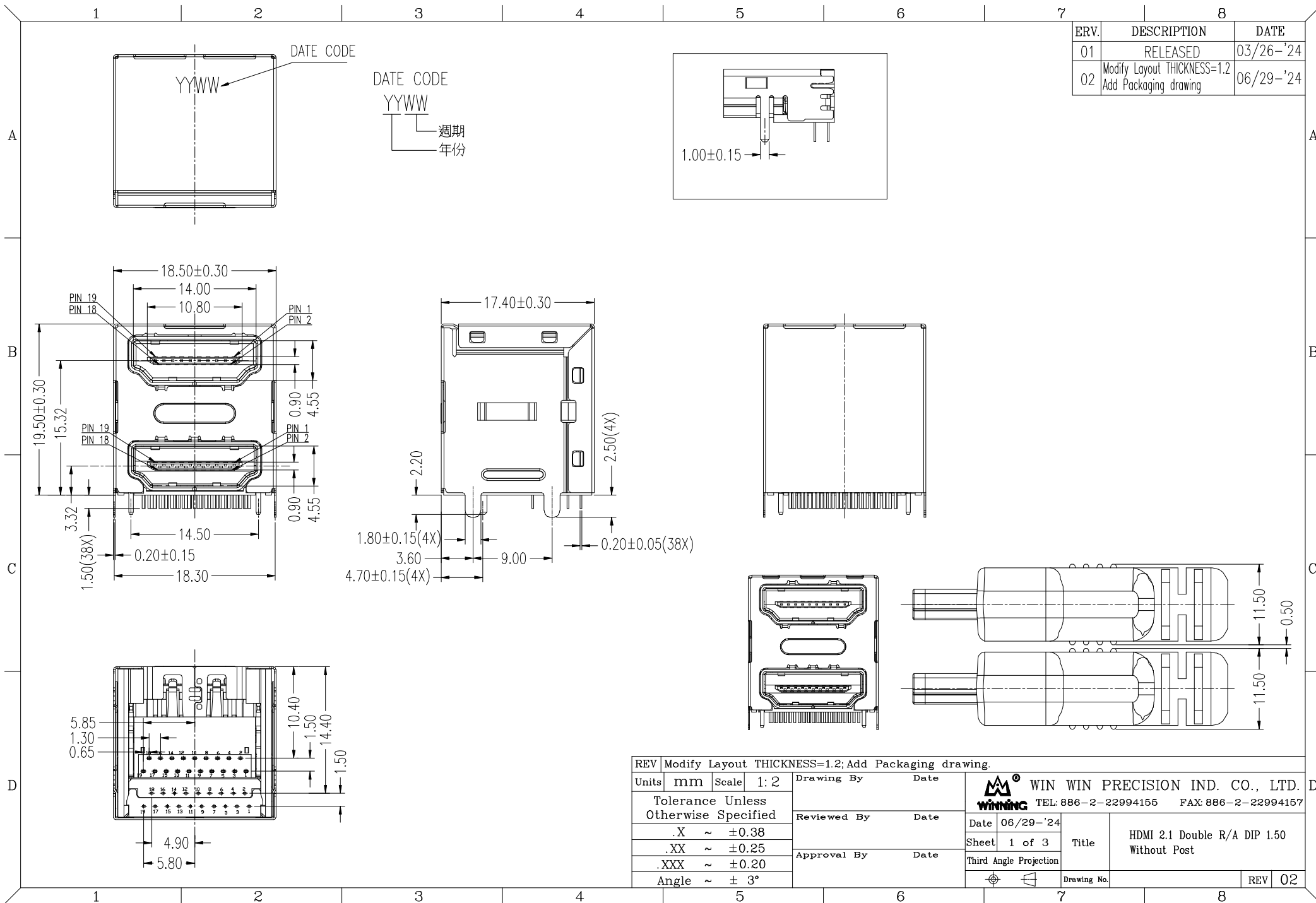




ERV.	DESCRIPTION	DATE
01	RELEASED	03/26-'24
02	Modify Layout THICKNESS=1.2 Add Packaging drawing	06/29-'24

PIN ASSIGNMENTS

PIN NO.	SIGNAL NAME	PIN NO.	SIGNAL NAME
P1(P1')	TMDS DATA2+	P2(P2')	TMDS DATA2 SHIELD
P3(P3')	TMDS DATA2-	P4(P4')	TMDS DATA1+
P5(P5')	TMDS DATA1 SHIELD	P6(P6')	TMDS DATA1-
P7(P7')	TMDS DATA0+	P8(P8')	TMDS DATA0 SHIELD
P9(P9')	TMDS DATA0-	P10(P10')	TMDS CLOCK+
P11(P11')	TMDS CLOCK SHIELD	P12(P12')	TMDS CLOCK-
P13(P13')	CEC	P14(P14')	RESERVED(N.C. ON DEVICE)
P15(P15')	SCL	P16(P16')	SDA
P17(P17')	DDC/CEC GROUND	P18(P18')	+5V POWER
P19(P19')	HOT PLUG DETECT		

4.SPECIFICATIONS:

1. HDMI
- 1.1 Voltage: 40 VAC(RMS) Max.
- 1.2 Current Rating: 0.5 Ampere per Contact
- 1.3 Contact Resistance: 30 Milliohms Max.
- 1.4 Insulation Resistance: 100 Megohms Min.
- 1.5 Dielectric Withstanding Voltage:
Unmated connectors, apply: 500Volts AC (RMS).
Mated connectors, apply: 300Volts AC (RMS).
- 1.6 Total Mating Force: 4.5 Kgf Max.
- 1.7 Total Unmating Force: 1.0 Kgf Min.
- 1.8 Operating Temperature: -25°C to +85°C.
- 1.9 Support HDMI 2.1a version.

NOTES:

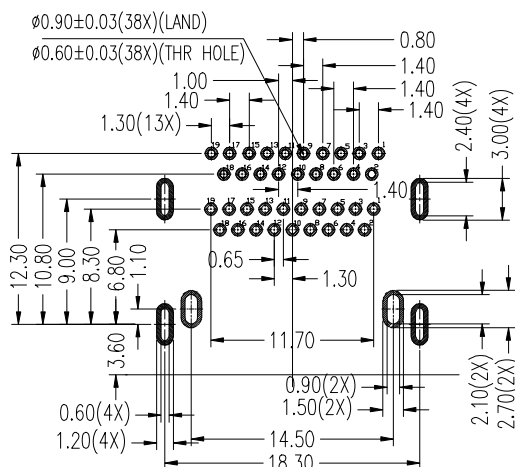
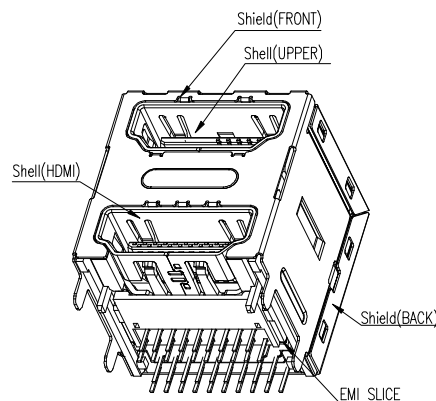
1. MATERIAL:

Housing: LCP, UL 94V-0.
molding: LCP, UL 94V-0.
Terminal: Copper Alloy.
Shell(UPPER): Steel-SK5.
Shell(HDMI): Steel-SK5.
Shield(FRONT): Stainless Steel.
Shield(BACK): Stainless Steel.
EMI SLICE: Stainless Steel.

2. FINISH:

Terminal: Selected Gold Plated in Contact Area.
100u" MIN. Tin Plated in Solder Area.
50u" MIN. Nickel Underplated Overall.
Shell(UPPER): Solderable Nickel Plated 50u" MIN, Overall.
Shell(HDMI): Solderable Nickel Plated 50u" MIN, Overall.
Shield(FRONT): Solderable Nickel Plated 50u" MIN, Overall.

3.This Product is RoHs & HALOGEN-FREE Compliance Product.



RECOMMENDED P.C.B. LAYOUT(BOTTOM VIEW)

TOL IS ± 0.05 THICKNESS=1.2 ALL POSITION TOL $\oplus 0.06$ X Y

*How to order:

WDMM-38ABL1B1H3Z1

—Z1: Type
 —3: Tray
 —H: Halogen Free
 —1: Without Post
 —B: Brass
 —1: Black
 —L: LCP
 —B: DIP(1.50)(Double)
 —Au: A: G/F
 —Number Of Contacts
 —Series No.

REV Modify Layout THICKNESS=1.2; Add Packaging drawing.									
Units	mm	Scale	1:2	Drawing By		Date		 WIN WIN PRECISION IND. CO., LTD. D	
Tolerance Unless Otherwise Specified .X ~ ±0.38 .XX ~ ±0.25 .XXX ~ ±0.20 Angle ~ ± 3°				Reviewed By		Date		TEL: 886-2-22994155 FAX: 886-2-22994157	
				Approval By		Date		Date 06/29-'24 Sheet 2 of 3 Third Angle Projection	
								Title HDMI 2.1 Double R/A DIP 1.50 Without Post	
								Drawing No.	
								REV 02	

