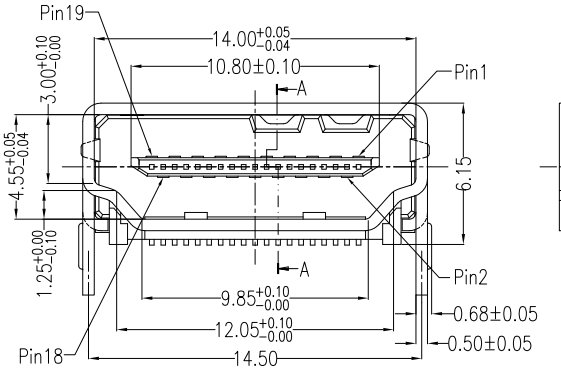
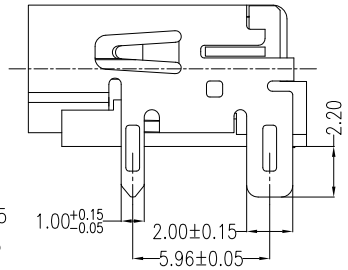
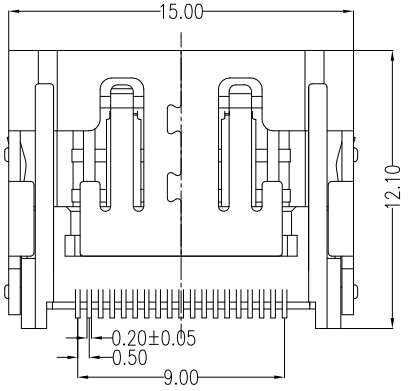
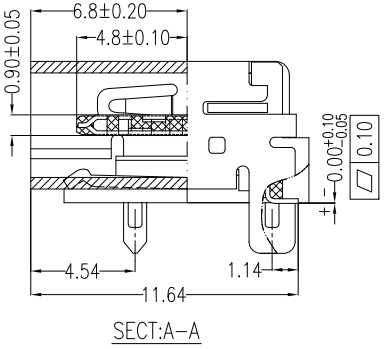
REV.	ECN.NO.	DATE
A	RELEASED	09/05-'18
B	Modify NOTES and Title	05/19-'20
C	Modify code H information	05/19-'22



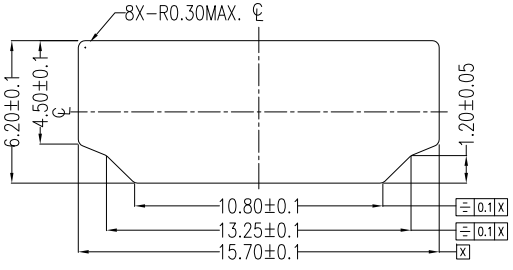


No.	Signal Name	No.	Signal Name
1	TMDS Data2+	11	TMDS Clock Shield
2	TMDS Data2 Shield	12	TMDS Clock-
3	TMDS Data2-	13	CEC
4	TMDS Data1+	14	Reserved (in cable but N.C. on device)
5	TMDS Data1 Shield	15	SCL
6	TMDS Data1-	16	SDA
7	TMDS Data0+	17	DDC/CEC Ground
8	TMDS Data0 Shield	18	+5V Power
9	TMDS Data0-	19	Hot Plug Detect
10	TMDS Clock+		



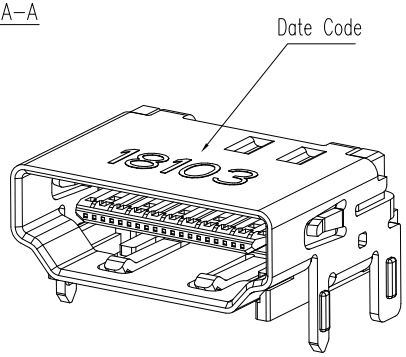


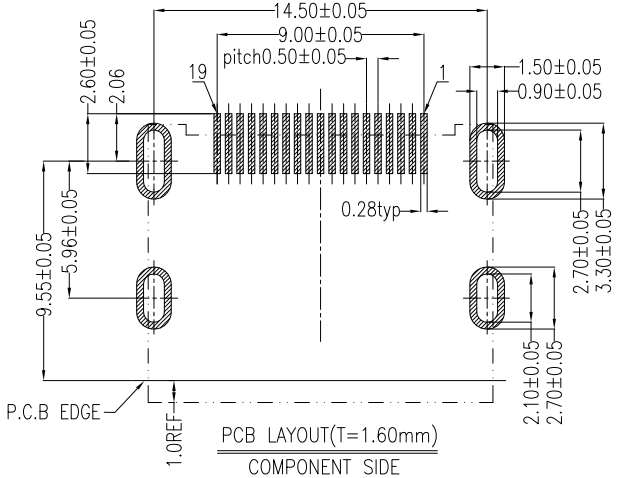
SECT:A-A



REFERENCE PANEL CUT OUT DIMENSION

DATE CODE DESCRIPTION
18 10 3
3 — Wednesday
10 — 10 Weeks
18 — Year





PCB LAYOUT(T=1.60mm)
COMPONENT SIDE

NOTES:

*Material

Housing: LCP, UL 94V-0
Shell: Brass.
Plating: Ni (40u" Min.) Plating .
Contact: Brass.
Plating: Au plating on contact area;
Sn (100u" Min.) plating on solder tail;
Ni (50u" Min.) underplating overall.

*Electrical Specification

Operation Voltage: 40 VAC Max.
Current Rating: 0.5 Ampere per contact
Contact Resistance: 10 mΩ Max.
Insulation Resistance: 100 MΩ Min.
Dielectric Withstanding Voltage: 500 VAC

*Environmental

Operating Temperature: -55°C to +85°C

*How To Order

WDMM-19D4L1BN3H1N

- N: No Mark
- 1: Ni
- H: Halogen Free+RoHs-Compliance
- 3: Tray 5: Reel
- N: No Flange
- B: Brass
- 1: Black
- L: LCP
- 4: SMT (Molding)
- Au A:>0.8u",B: 5u",D: 15u",F: 30u"
- Number of Contacts
- Series NO.

REV	Modify code H information, H:Lead Free → H: Halogen Free+RoHs-Compliance				
Units	mm	Scale	3:1	Drawing By	Date
Tolerance Unless Otherwise Specified				ZZC	05/19-'22
.X ~ ±0.35				Reviewed By	Date
.XX ~ ±0.25				Charles	05/19-'22
.XXX ~ ±0.15				Approval By	Date
Angle ~ ± 3°				Nancy	05/25-'22

WIN WIN PRECISION IND. CO., LTD.
TEL: 886-2-22994155 FAX: 886-2-22994157

Date	05/19-'22
Sheet	1 of 1
Third Angle Projection	

Title: HDMI 2.1
19Pin SMT Type(No Flange) (Molding)

Drawing No. WDMM-19PS-AN-N129 REV C