

HDMI Connector Series

KLS1-283 HDMI Female Vertical SMT 3Posts,With Ear

MATERIAL

Housing : LCP, UL 94V-0, Black
Cover : LCP, UL 94V-0
Terminal: Phosphor Bronze
Shell: Brass/SPCC
Contact Finish : 30u" Gold On Mating End, Tin On Termination End,
With Entire Contact Nickel Underplated.
Shell-Copper Alloy, Nickel Plated

ELECTRICAL

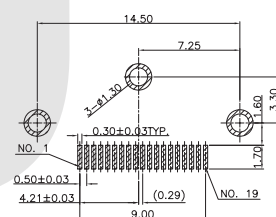
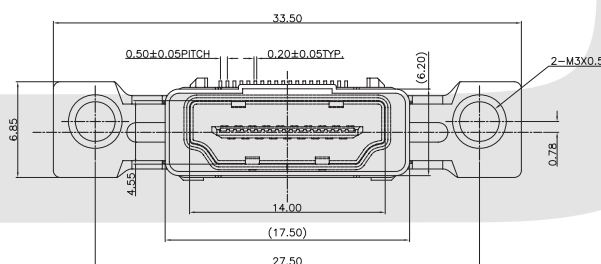
Current Rating : 0.5A
Dielectric Withstanding Voltage : 40V AC Per Minute
Insulation Resistance : 100MΩ MIN
Contact Resistance : 30MΩ MAX
Operating Temperature : -25°C ~ +85°C

MECHANICAL

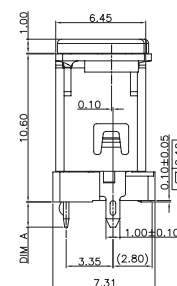
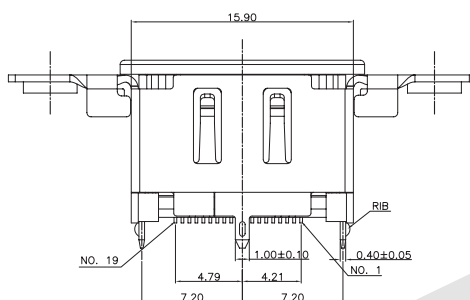
Insertion Force: 44.1 N Max.
Withdraw Force: 9.8 N Min.

Feature

- 1.HDMI is the first industry-supported, uncompressed, all-digital audio/video interface.
- 2.HDMI provides an interface between any audio/video source.
- 3.HDMI supports standard, enhanced, or high-definition video, plus multi-channel digital audio on a single cable.
- 4.It transmits all ATSC HDTV standards and supports 8-channel digital audio, with bandwidth to spare to accommodate future enhancements and requirements.
- 5.HDMI is full backward-compatible with DVI that handles digital transfers at rates up to 5 Gbps !



RECOMMENDED PCB LAYOUT



ORDER INFORMATION

Product NO.: KLS1 - 283 - 19 - 2 1 X X A

Pos. NO.

Product Kind

Pin Number

Type: 1=Male 2= Female

Shell Material: 1=Brass
2=SPCC

Shell Leg Length Code:
A: DIM A = 1.9mm B: DIM A = 2.4mm

Terminal Plate: 1 = 1U " 3 = 3U " 5 = 5U "
10 = 10U " 15 = 15U " 30 = 30U "

Shell Plate: N=Nickel 1=1U" 3=3U"