

**HDMI SERIES**

# HIGH SPEED I/O RECEPTACLES

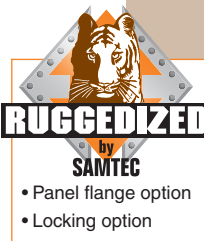
**SPECIFICATIONS**

For complete specifications and recommended PCB layouts see [www.samtec.com?HDMI](http://www.samtec.com?HDMI)

- Insulator Material:**  
High Temperature Thermoplastic
- Contact Material:**  
Copper Alloy
- Shell Material:**  
Steel
- Operating Temp Range:**  
-25°C to +85°C
- Plating:**  
Gold on Contacts, Nickel on Shell and Tin on Tails
- Current Rating:**  
1.2 A per contact
- Voltage Rating:**  
40 VAC
- Contact Resistance:**  
30 mΩ
- Minimum Cycles:**  
100
- Lead-Free Solderable:**  
Yes
- RoHS Compliant:**  
Yes

**Mates with:**  
HPLSP, HPDPI,  
Industry Standard  
HDMI Cable Plugs

Meets Digital Display Working Group Single Monitor Interface Specifications



- Panel flange option
- Locking option

Hot Pluggable

Selectively Plated

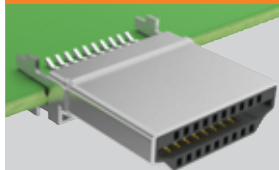
19 or 29 Positions

Surface Mount or Through-hole Signal Leads

Optional Panel Flange (19 position only)

Through-hole or Surface Mount (19 only) Ground tails

**ALSO AVAILABLE**



Edge Mount HDMI plug. Call Samtec for HDMI Series specifications.

HDMI	NO. OF POSITIONS	LEAD STYLE	PLATING	TAIL OPTION	OPTIONS
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**-19**  
= 19 Positions / Mates with HPXXX 5 Pairs

**-29**  
= 29 Positions / Mates with HPXXX 8 Pairs

**-01**  
= Through-hole Ground Tails

**-02**  
= Surface Mount Ground Tails (-19 only)

**-F**  
= Gold Flash on Mating Area, Tin on Tails

**-S**  
= 30µ" (0,76µm) Gold on Mating Area, Tin on Tails

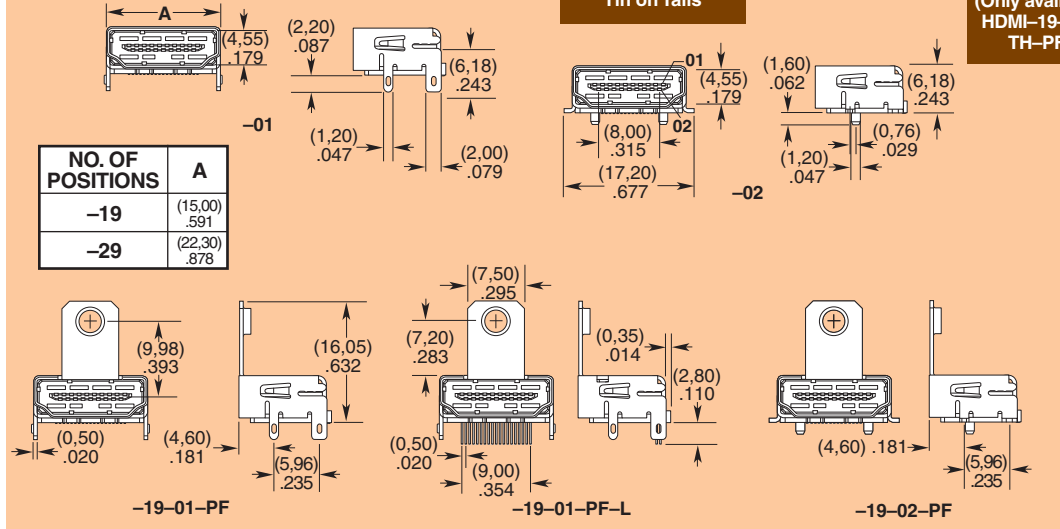
**-SM**  
= Surface Mount (Signal Leads)

**-TH**  
= Through-hole (Only available on HDMI-19-01-X-TH-PF-L)

(Leave Blank for no Panel Flange)

**-PF**  
= Panel Flange

**-L**  
= Locking Option (Only available on HDMI-19-01-X-TH-PF-L)



HDMI™ is a trademark of HDMI Licensing LLC.

**Note:** Some lengths, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)