



HDMR-19-02-S-SM



HDMR-29-01-S-SM

**HDMR SERIES**

# HIGH SPEED I/O RECEPTACLES

**SPECIFICATIONS**

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

- 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

Optional Panel Flange (19 position only)

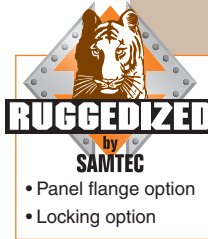
Hot Pluggable

Selectively Plated

19 or 29 Positions

Surface Mount or Through-hole Signal Leads

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



- Panel flange option
- Locking option

**ALSO AVAILABLE**



HDMP is an Edge Mount plug that mates to HDMR receptacles. Call Samtec for HDMP Series specifications.

HDMR	NO. OF POSITIONS	LEAD STYLE	PLATING	TAIL OPTION	OPTIONS						
	<p><b>-19</b> = 19 Positions / Mates with HPXXX 5 Pairs</p> <p><b>-29</b> = 29 Positions / Mates with HPXXX 8 Pairs</p>	<p><b>-01</b> = Through-hole Ground Tails</p> <p><b>-02</b> = Surface Mount Ground Tails (-19 only)</p>	<p><b>-F</b> = Gold Flash on Mating Area, Tin on Tails</p> <p><b>-S</b> = 30µ" (0,76µm) Gold on Mating Area, Tin on Tails</p>	<p><b>-SM</b> = Surface Mount (Signal Leads)</p> <p><b>-TH</b> = Through-hole (Only available on HDMI-19-01-X-TH-PF-L)</p>	<p>(Leave Blank for no Panel Flange)</p> <p><b>-PF</b> = Panel Flange</p> <p><b>-L</b> = Locking Option (Only available on HDMI-19-01-X-TH-PF-L)</p>						
	<table border="1"> <thead> <tr> <th>NO. OF POSITIONS</th> <th>A</th> </tr> </thead> <tbody> <tr> <td>-19</td> <td>(15,00) .591</td> </tr> <tr> <td>-29</td> <td>(22,30) .878</td> </tr> </tbody> </table>	NO. OF POSITIONS	A	-19	(15,00) .591	-29	(22,30) .878				
NO. OF POSITIONS	A										
-19	(15,00) .591										
-29	(22,30) .878										
	<p><b>-19-01-PF</b></p>	<p><b>-19-01-PF-L</b></p>	<p><b>-19-02-PF</b></p>								

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.