

**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

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**

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
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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.

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