

DATA RATE™ PLUG & SOCKET HPDPI, HDMI

SPECIFICATIONS

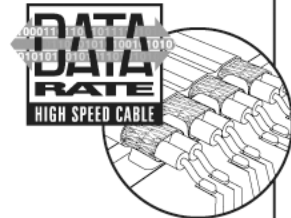
Mates with:
HDMI

For complete specifications see www.samtec.com?HPDPI

Cable:
30 AWG twinax micro ribbon

Signal Routing:
100Ω Differential

RoHS Compliant:
Yes



PINOUT MAP:
See www.samtec.com?HPDPI

Note:
This Series is non-standard, non-returnable.

TYPE	NO. OF PAIRS	LENGTH	WIRE OPTION
HPDPI = Micro Twinax Data Rate™ Cable Plug	-05 = 5 Signal Pair, 5 Power Lines -08 = 8 Signal Pair, 5 Power Lines	-“XXXX” = Length in millimeters 0152 (06”) to 2500 (98”)	-01 = Pin 1 to Pin 1

NO. OF PAIRS	A	B	NO. OF POS.
-05	(20,83) .820	(13,89) .547	19
-08	(28,12) 1.107	(21,21) .835	29

SPECIFICATIONS

Mates with:
HPDPI, HPSTP, HPLSP,
Industry Standard
HDMI Cable Assemblies

For complete specifications and recommended PCB layouts see www.samtec.com?HDMI

Insulator Material: **HDMI™**
HIGH DEFINITION MULTIMEDIA INTERFACE

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: 3 A per contact

Voltage Rating: 40 VAC

Contact Resistance: 30 mΩ

Minimum Cycles: 100

Lead-Free Solderable: Yes

RoHS Compliant: Yes

HDMI™ is a registered trademark of HDMI Licensing LLC.

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

HDMI	NO. OF POSITIONS	LEAD STYLE	PLATING	SM	FLANGE OPTION	R
	-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)	-S = 30μ" (0,76μm) Gold on Mating Area, Tin on Tails -F = Gold Flash on Mating Area, Tin on Tails	-SM = Surface Mount (Signal Leads)	(Leave Blank for no Panel Flange) -PF = Panel Flange (-19 only)	

NO. OF POSITIONS	C	D	F
-19	(15,00) .591	(14,00) .551	(14,50) .571
-29	(22,30) .878	(21,30) .839	(21,80) .858

PRELIMINARY

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

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