

**HDMI-Buchse/Stecker**



**General Data**

Type reference	RRJ_HDMI
Description	HDMI jack
Degree of protection	IP20
Contact material	contacts and housing gold-plated
Max. storage temperature	-25°C ... 60°C
Max. operating temperature	-25°C ... 60°C
Mechanical life	5,000 mating cycles
Material	PA66
Mounting aperture	22.3 mm
Tightening torque (mounting nut)	max. 1.5 Nm
Rated voltage	40 V max.
Rated current	max. 0.5 A
Connections	front: jack HDMI 1.4, rear: connector HDMI 1.4
Cable length	60 cm + 30 mm
Colour	silver-coloured
Panel thickness	1.5...8.0 mm

**General data**

HDMI standard	1.4
Pin assignment	1:1

**Note**

X = cable length

Pin assignment HDMI cable:

Front/rear pin: signal name:

- 1 TMDS Data2+
- 2 TMDS Data2 Screen
- 3 TMDS Data2-
- 4 TMDS Data1+
- 5 TMDS Data1 Screen
- 6 TMDS Data1-
- 7 TMDS Data0+
- 8 TMDS Data0 Screen
- 9 TMDS Data0-
- 10 TMDS Clock+



- 11 TMDS Clock Screen
- 12 TMDS Clock-
- 13 CEC
- 14 reserved (HDMI 1.0-1.3), HEC Data+ (HDMI 1.4)
- 15 SCL (I<sup>2</sup>C serial clock for DDC)
- 16 SDA (I<sup>2</sup>C serial data line for DDC)
- 17 ground for DDC / CEC / HEC
- 18 +5 V supply voltage (min. 55 mA)
- 19 hot plug detection (all versions), HEC Data- (HDMI1.4)

Attention: use at least a HDMI high speed or better ultra high speed HDMI cable!

