

HUBER+SUHNER® DATA SHEET

Engineering Sample: 1x8A_81_MXP-S50-0-2

Description

1x8 ganged SMT PCB connector (male, symmetric design)

Interface standard
HUBER+SUHNER standard (Patent pending)

Evaluation board material/configuration
Material: N/A
Substrate thickness: N/A
Dielectric constant ϵ_r : N/A
Stack up: N/A



Technical Data

Electrical Data

Impedance	50 Ω
Data rates	Up to 40 Gbps
Interface frequency max.	40 GHz
Frequency range	DC to 22.5 GHz
Return loss	≥ 20 dB up to 22.5 GHz
Cross talk	≤ -40 dB at PCB transition
Electrical Length	N/A

Mechanical Data

Number of matings	500
Weight	7.29 g

Environmental Data

Operating Temperature	- 55 °C to + 85 °C
2002/95/EC (RoHS)	Compliant

Material Data

Piece Parts (MXP male)	Material
Centre contact	Copper Beryllium Alloy
Outer contact	Copper Beryllium Alloy / C97
Body	Brass
Insulator	PEEK
Coupling nut	N/A

Coating

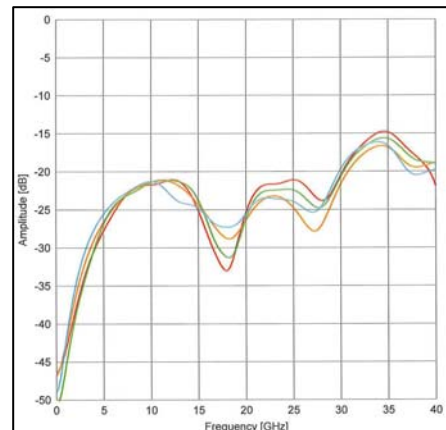
SUCOPRO Plating
SUCOPRO Plating
SUCOPRO Plating

Related Documents

Outline drawing	DOU-00145203
Catalogue drawing	N/A
3D-files, modelling data (Agilent ADS) and footprints on request	

Ordering Information

Single package	Item no. 84091436
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HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

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HUBER+SUHNER AG
RF Technology
9100 Herisau, Switzerland
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 45 90
www.hubersuhner.com