## **Data Sheet**

# Coaxial PCB Connector 82\_MMCX-50-0-18/111\_O

### Description

Straight PCB jack

Interface Standards SUHNER-MMCX





#### **Technical Data**

Electrical Data Interface frequency max.       50 Ω 6 GHz         Mechanical Data Board mounting type Weight       surface mount 0.0006 kg         Environmental Data Operating temperature 2011/65/EU (RoHS)       surface mount 0.0006 kg         Methanical Data Diversion of the provided of the			
Interface frequency max. 6 GHz  Mechanical Data Board mounting type Weight Oo006 kg  Frvironmental Data Operating temperature Operature	Electrical Data		
Mechanical Data       surface mount         Board mounting type       0.0006 kg         Environmental Data       -55 °C to 155 °C         Operating temperature       -55 °C to 155 °C         compliant       compliant         Material Data       -55 °C to 155 °C         Piece Parts       Material         Centre contact       Copper Beryllium Alloy         Outer contact       Brass         Gold Plating (without Nickel underplating)         Body       Brass         Insulator       PFA / PTFE         Related Documents       DOU-00012647         Outline drawing Catalogue drawing Mounting hole       DOU-00012647         Octering Information       DCA-00085712 DOU-00012649         Tape and Reel package       82_MMCX-50-018/11_OM	Impedance	50 Ω	
Board mounting type       surface mount         Queight       0.0006 kg         Environmental Data       -55 °C to 155 °C         Operating temperature       -55 °C to 155 °C         2011/65/EU (RoHS)       -55 °C to 155 °C         Material Data       -sompliant         Piece Parts       Material       Surface Plating         Centre contact       Copper Beryllium Alloy       Gold Plating (Nickel underplated)         Outer contact       Brass       Gold Plating (without Nickel underplating)         Body       Brass       Gold Plating (without Nickel underplating)         Insulator       PFA / PTFE       Eleted Documents         Outling drawing hole       DOU-00012647       DCA-00085712         DoU-00012649       DOU-00012649       Suface Plates         Ordering Information       Su/MCX-50-018/111_OM       Suface Plates	Interface frequency max.	6 GHz	
Weight     0.0006 kg       Environmental Data     55 °C to 155 °C compliant       Operating temperature 2011/65/EU (RoHS)     55 °C to 155 °C compliant       Material Data     Material Data       Piece Parts     Material       Centre contact     Copper Beryllium Alloy       Outer contact     Brass       Gold Plating (without Nickel underplated)       Insulator     PFA / PTFE       Related Documents     DOU-00012647 DOL-00012649       Outline drawing Mounting hole     DOU-00012647 DOU-00012649       Ordering Information     82_MMCX-50-018/111_OM	Mechanical Data		
Environmental Data       -55 °C to 155 °C compliant         Operating temperature 2011/65/EU (RoHS)       -55 °C to 155 °C compliant         Material Data	Board mounting type	surface mount	
Operating temperature 2011/65/EU (RoHS)       -55 °C to 155 °C compliant         Material Data       Fiece Parts       Material         Piece Parts       Material       Surface Plating         Centre contact       Copper Beryllium Alloy       Gold Plating (Nickel underplated)         Outer contact       Brass       Gold Plating (without Nickel underplating)         Body       Brass       Gold Plating (without Nickel underplating)         Insulator       PFA / PTFE         Related Documents       DOU-00012647         Outline drawing Mounting hole       DOU-00012647         Ordering Information       B2_MMCX-50-0-18/111_OM	Weight	0.0006 kg	
2011/65/EU (RoHS)       compliant         Material Data         Piece Parts       Material         Centre contact       Copper Beryllium Alloy       Gold Plating (Nickel underplated)         Outer contact       Brass       Gold Plating (without Nickel underplating)         Body       Brass       Gold Plating (without Nickel underplating)         Insulator       PFA / PTFE         Related Documents       DOU-00012647         Outline drawing Mounting hole       DOU-00012647         Ordering Information       DOU-00012647         Tape and Reel package       82_MMCX-50-0-18/111_OM	Environmental Data		
Material Data       Material       Surface Plating         Piece Parts       Material       Surface Plating         Centre contact       Copper Beryllium Alloy       Gold Plating (Nickel underplated)         Outer contact       Brass       Gold Plating (without Nickel underplated)         Body       Brass       Gold Plating (without Nickel underplating)         Insulator       PFA / PTFE         Related Documents       DOU-00012647 DCA-00085712 DOU-00012649       Sufface Plating Sufface         Ordering Information       DOU-00012647       Sufface Plating Sufface         Tape and Reel package       82_MMCX-50-018/111_OM       Sufface Plating Sufface	Operating temperature	-55 °C to 155 °C	
Piece Parts         Material         Surface Plating           Centre contact         Copper Beryllium Alloy         Gold Plating (Nickel underplated)           Outer contact         Brass         Gold Plating (without Nickel underplating)           Body         Brass         Gold Plating (without Nickel underplating)           Insulator         PFA / PTFE         Felated Documents           Outline drawing Catalogue drawing Mounting hole         DOU-00012647 DCA-00085712 DOU-00012649         Felated Documents           Ordering Information         S2_MMCX-50-0-18/111_OM         Felated Documents	2011/65/EU (RoHS)	compliant	
Centre contactCopper Beryllium AlloyGold Plating (Nickel underplated)Outer contactBrassGold Plating (without Nickel underplating)BodyBrassGold Plating (without Nickel underplating)InsulatorPFA / PTFERelated DocumentsOutline drawing Catalogue drawing Mounting holeDOU-00012647 DCA-00085712 DOU-00012649OUtline drawing Catalogue drawing Mounting holeTape and Reel package82_MMCX-50-018/111_OM	Material Data		
Outer contact     Brass     Gold Plating (without Nickel underplating)       Body     Brass     Gold Plating (without Nickel underplating)       Insulator     PFA / PTFE       Related Documents       Outline drawing Catalogue drawing Mounting hole     DOU-00012647 DCA-00085712 DOU-00012649       Ordering Information     S2_MMCX-50-0-18/111_OM	Piece Parts	Material	Surface Plating
Body     Brass     Gold Plating (without Nickel underplating)       Insulator     PFA / PTFE       Related Documents     DOU-00012647       Outline drawing Catalogue drawing Mounting hole     DOU-00012647       Ordering Information     DOU-00012649       Tape and Reel package     82_MMCX-50-0-18/111_OM	Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator     PFA / PTFE       Related Documents       Outline drawing Catalogue drawing Mounting hole     DOU-00012647 DCA-00085712 DOU-00012649       Ordering Information       Tape and Reel package     82_MMCX-50-0-18/111_OM	Outer contact	Brass	Gold Plating (without Nickel underplating)
Related Documents         Outline drawing Catalogue drawing Mounting hole       DOU-00012647 DCA-00085712 DOU-00012649         Ordering Information         Tape and Reel package       82_MMCX-50-0-18/111_OM	Body	Brass	Gold Plating (without Nickel underplating)
Outline drawing     DOU-00012647       Catalogue drawing     DCA-00085712       Mounting hole     DOU-00012649       Ordering Information     Tape and Reel package       82_MMCX-50-0-18/111_OM	Insulator	PFA / PTFE	
Catalogue drawing Mounting hole     DCA-00085712 DOU-00012649       Ordering Information     Example of the second secon	<b>Related Documents</b>		
Mounting hole     DOU-00012649       Ordering Information     Eastern State       Tape and Reel package     82_MMCX-50-0-18/111_OM	Outline drawing	DOU-00012647	
Ordering Information Tape and Reel package 82_MMCX-50-0-18/111_OM			
Tape and Reel package 82_MMCX-50-0-18/111_OM	Mounting hole	DOU-00012649	
	Ordering Information		
	Tape and Reel package	82_MMCX-50-0-18/111_OM	
Domorko	Pomarke		

#### Remarks

PCB connector without stand-offs

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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