

**Product Data Sheet / Produkt Datenblatt**

<b>Part Number</b>	<b>7534.PSMP.1014.195</b>	<b>Teilenummer</b>
<b>Description</b>	<b>PSMP Bulkhead Plug (smooth bore)</b>	<b>Beschreibung</b>
		
<b>Design according to</b>	<b>PSMP (smooth bore)</b>	<b>Ausführung nach</b>

**Electrical characteristics / Elektrische Eigenschaften**

		colored value means: still under test target value		
		Value/Wert	Unit/Einheit	
Impedance (MIL-C-39012B)		50	[Ω]	Impedanz (MIL-C-39012B)
Operating frequency up to		10	[GHz]	Betriebsfrequenz bis zu
Return loss				Rückflussdämpfung
	DC to 4 GHz	≥30	[dB]	
	4 to 6 GHz	≥25	[dB]	
Insertion loss		≤0.03x√f[GHz]	[dB]	
3rd. Order PIM product 2x43dBm	at 1870MHz,2x43dBm	–	[dBc]	PIM Produkt 3. Ordnung
Insulation resistance		≥5	[GΩ]	Isolationswiderstand
Contact resistance				Kontakt-Widerstand
Centre contact		≤3	[mΩ]	Innenkontakt
Outer contact		≤2	[mΩ]	Außenkontakt
Power handling (at 20°C, sea level, VSWR1.0)	at 2.2GHz	≤200	[W]	
Operating voltage		480	[V] eff	Betriebsspannung
Proof voltage		1000	[V] eff	Prüfspannung

**Mechanical characteristics / Mechanische Eigenschaften**

		Value/ Wert	Unit/Einheit	
Mating cycles		≥1000		
Tightening Torque		130	[Ncm]	
Center contact captivation		≥7	[N]	
Engagement force				
smooth bore		≤10	[N]	
Disengagement force				
smooth bore		≥2.2	[N]	

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**Material & plating / Material & Oberfläche**

	RoHS (2002/95/EC) conform		
	Material/Material	Plating/Oberflächen	
Outer contact	Brass	3~5µm Ag + flash CuZnSn	Außenkontakt
Centre contact	Brass	Ni-P + 0,15µm Au	Innenkontakt
Crimp ferrule	-	-	Crimphülse
Other metal parts	-	-	sonstige Metallteile
Insulator	PTFE	-	Isolator
Gasket	-	-	Dichtung

**Environmental influences: / Umwelteinflüsse**

Operating temperature range	-55°C up to +125°C Standard	Betriebstemperaturbereich
Climatic sequence:	IEC 60068-2-61	Klimafolge:
1. Dry heat	IEC 60068-2-2-Ba	1. Trockene Hitze
2. Damp heat, cyclic, 1 cycle	IEC 60068-2-30-Db	feuchte Wärme, zyklisch, 1 Zyklus
3. Cold	IEC 60068-2-1-Aa	3. Kälte
4. Damp heat, cyclic, 6 cycles	IEC 60068-2-30-Db	feuchte Wärme, zyklisch, 6 Zyklen
Solder profile		Lötprofil

**Notes: / Aufzeichnungen**

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

**Update History**

Rev.	Date	Signature	Alteration	
				Formblatt-Nr.: Form-TK-013b
				Rev. 04
				Released 17/04/14