



5018.PSMP.1010.003

IMS Connector Systems

Buy Now



Looking for a discount?

[Check out our current promotions!](#)

Give us a call

1-855-837-4225

International: 1-415-281-3866

Email Us

Sales and New Orders: sales@verical.com

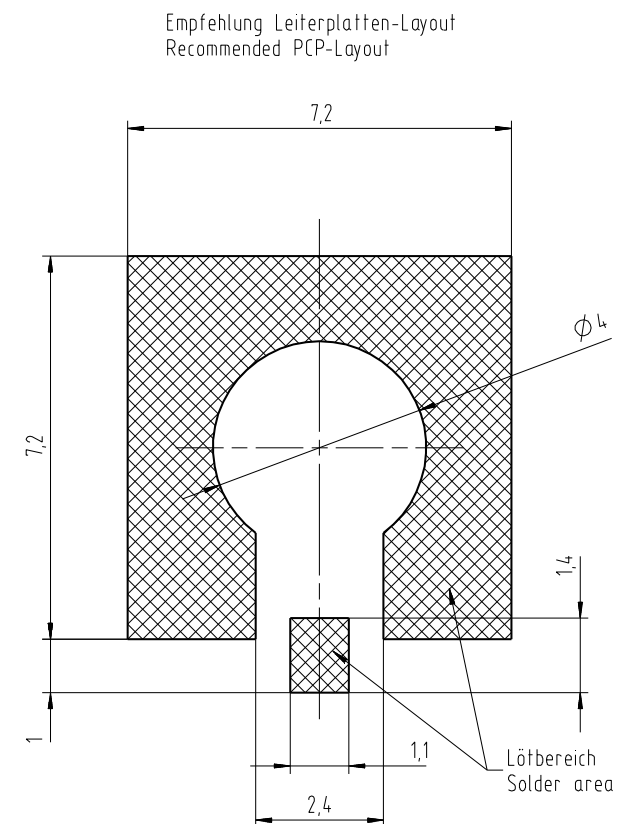
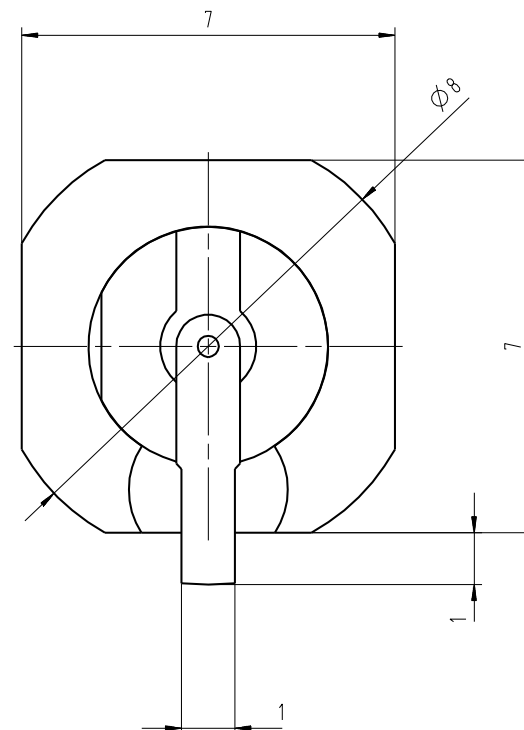
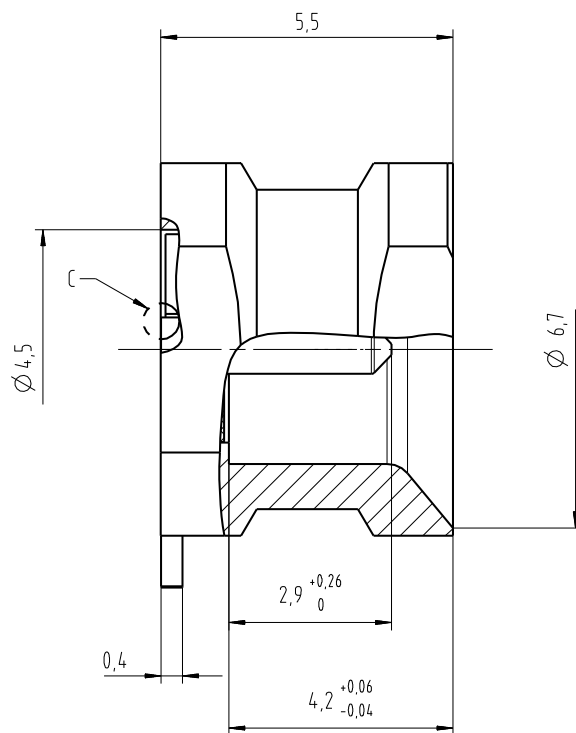
Order Support: support@verical.com

Suppliers: [Visit our seller page](#)

Company Address

Arrow Electronics, Inc
9201 East Dry Creek Road
Centennial, CO 80112

This coversheet was created by Verical, a division of Arrow Electronics, Inc. ("Verical"). The attached document was created by the part supplier, not Verical, and is provided strictly 'as is.' Verical, its subsidiaries, affiliates, employees, and agents make no representations or warranties regarding the attached document and disclaim any liability for the consequences of relying on the information therein. All referenced brands, product names, service names, and trademarks are the property of their respective owners.



Empfehlung Leiterplatten-Layout
Recommended PCP-Layout

Verpackungsdaten:

Blistergurt: AGK-4387
Stk/Gurt: 1000
Stk/m: 83,3
Vorlauf: 0,17 m
Nachlauf: 0,16 m
Gurtlänge: ca. 12,3 m
Spulen ϕ : 330 mm

Dates of packing:

Tape & reel: AGK-4387
Parts/reel: 1000
Parts/m: 83,3 m
forward run: 0,17 m
after run: 0,16 m
Length: app. 12,3 m
Reel ϕ : 330 mm



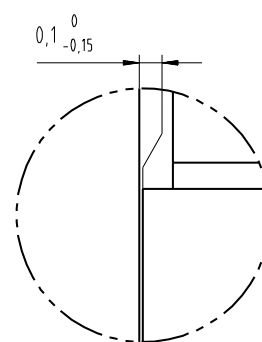
SCALE 1:1



SCALE 2:1

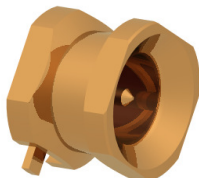


SCALE 2:1



Einzelheit C
SCALE 70:1

IMS CONNECTOR SYSTEMS					general tolerance		scale: 10:1	
					ISO 2768			
					mH		smooth bore -catchers-mit	
					date	name	PSMP(m)-Anbaustecker PSMP(m)-p.c.b. mount plug	
				generate	18.06.12	Schwaer		
				checked	21.10.13	Müllinger-Bausch		
				Norm				
				057589				
							5018.PSMP.1010.00'	
							Rev.	
nr.	rev.	alteration	date	name				

Part Number: 5018.PSMP.1010.003		Revision: a		
Description: PSMP p.c.b. mount plug "Smooth bore"		Date: 17.10.2012		
		Signature: R.Schwär		
		Page: 1 of 2		
Design according to:		Power-SMP Spec. 119S000-000		
Electrical characteristics	colored value means: still under test target value		Picture  Remarks at 910MHz / at 1870 MHz at 2,2 GHz	
		Value		Unit
	Impedance (MIL-C- 39012B)	50		[Ω]
	Operating frequency up to	10		[GHz]
	Return loss			
	1 GHz	30		[dB]
	2 GHz	30		[dB]
	4 GHz	30		[dB]
	6 GHz	25		[dB]
	10 GHz	15		
	(Return loss depends primary on p.c.b. material + layout)			
	3rd. Order PIM product 2x43dBm	160		[dBc]
	Insulation resistance	≥ 5		[GΩ]
	Insertion loss	≤ 0.03 x √ f (GHz)		[dB]
	Contact resistance			
Centre contact	≤ 3	[mΩ]		
Outer contact	≤ 2	[mΩ]		
Contact current max. (DC)	max. 1,2	[A]		
Operating voltage	480	[V]		
Proof voltage	1000	[V]		
Power handling (at 20°C, sea level)	≤ 200	[W]		
Mechanical characteristics		Value	Unit	
Engagement force	max. 10	[N]	Remarks	
Separating force	min. 2,2	[N]		
Mating cycles	≥ 1000			
Center contact captivation	≥ 7	[N]		

Tel (+49) 7654 901-0
Fax (+49) 7654 901-199
Net: www.imscs.com
E-mail: sales@imscs.com

[illegible]