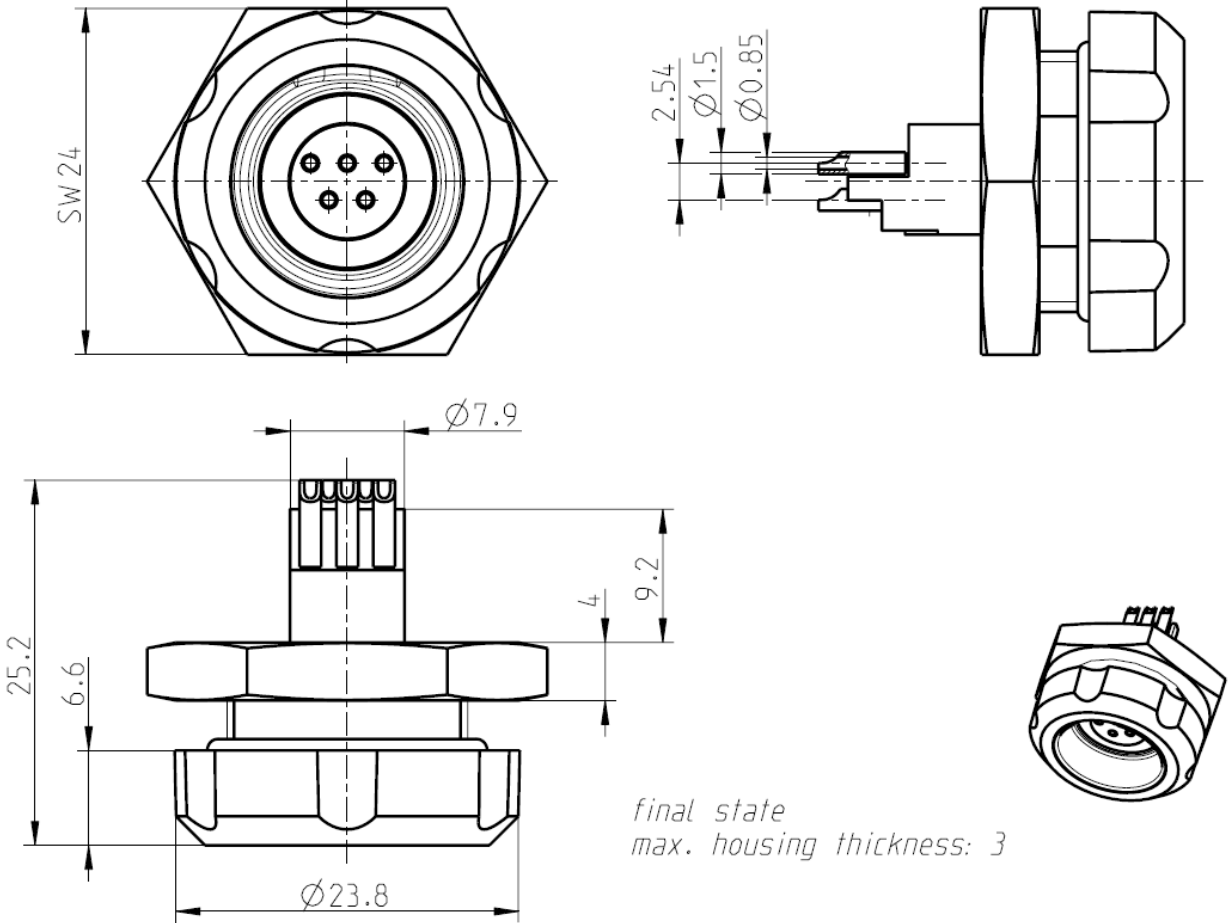


Technical Data Sheet Draft		Rosenberger
MF	STRAIGHT JACK	MF2K111-299L
<div>  <p><i>final state max. housing thickness: 3</i></p> </div>		
<p>All dimensions are in mm; tolerances according to ISO 2768 m-H</p>		
<div> <div>Interface</div> <div>According to</div> <div>MF2S113-199L</div> </div>		
<div> <div>Documents</div> <div>Panel piercing</div> <div>MB_401</div> </div>		
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Technical Data Sheet Draft				Rosenberger			
MF		STRAIGHT JACK		MF2K111-299L			
Material and plating							
Connector parts		Material		Plating / Color			
Contact Pins		Brass		AuroDur®, gold plated			
Insulator		PA 6T/66 GF30		black			
Nut		PA 6.6		black			
Mounting nut		PBT GF30		black			
Gasket		VMQ		red			
Magnet		NdFeB N52		Ni			
Flammability							
Connector parts		Category					
Insulator		material acc. to UL94 V-0					
Assembly parts		material acc. to UL94 V-1/V-2					
Electrical data							
Peak current		1000mA					
Working voltage		max. 50V DC					
Mechanical data							
Mating cycles		min. 10.000					
Disengagement force		> 10 N					
		Force measured during vertical disengagement with counter connector					
Magnetic pole		south to interface					
Environmental data							
Temperature range		-25°C to +75°C					
Soldering process		Magnets are loosing their magnetic properties above the temperature of 130°C					
		Designed for manual solder process					
IP Code		IP65 / IP67 (in vertical position)					
Suitable cables							
		n/a					
Packing							
Standard		50 pcs per box					
Weight		tbd					
Safety instruction							
Caution							
Magnets can impact the function of pace makers and implantable cardioverter-defibrillators (e.g. actuation of reed switch). Keep a minimum distance of 0.5 m (50 cm) between the magnetic connector and the implanted devices to prevent malfunction and <u>danger to health</u> .							
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.							
Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
G. Lapper	22.10.2012	G. Lapper	13.02.14	200	14-v098	J. Ressler	12.02.14
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