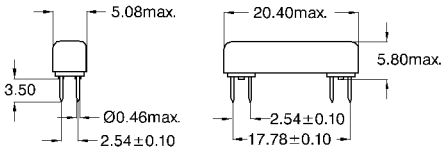
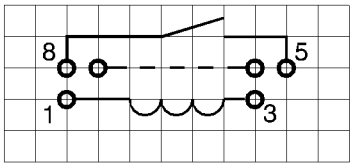
MEDER electronic
Products for tomorrow...

Europe: +49 / 7731 8399 0 | Email: info@meder.com
USA: +1 / 508 295 0771 | Email: salesusa@meder.com
Asia: +852 / 2955 1682 | Email: salesasia@meder.com

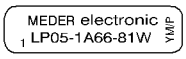
Item No.:
1205100811
Item:
LP05-1A66-81W
LP05-1A71-81W

LAYOUT
pitch 2.54 mm/Top view





MARKING / *Aufdruck*



MEDER-Label
Type
Production code,
EN60062/Factory code

Pins: Ømax. 0.46 mm
L = 3.5±0.3 mm
Material: Cu-alloy tinned

Abmessungen / dimensions (mm)
tolerances acc. to DIN ISO 2768-m

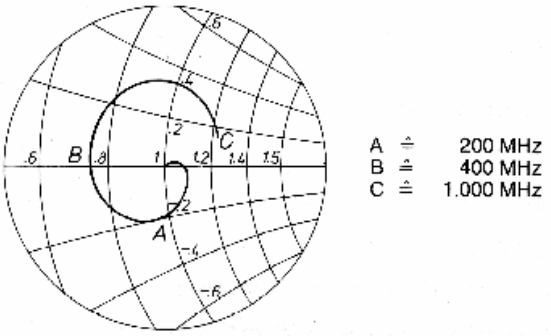
Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		207		253	Ohm
Coil voltage			5		VDC
Rated power				109	mW
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,8			VDC

Contact data 66	Conditions	Min	Typ	Max	Unit
Contact-form		A-NO			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (<21 AT)	DC or Peak AC			200	VDC
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1,25	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 VDC test voltage	10			GOhm
Breakdown voltage (<21 AT)	according to IEC 255-5	350			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms

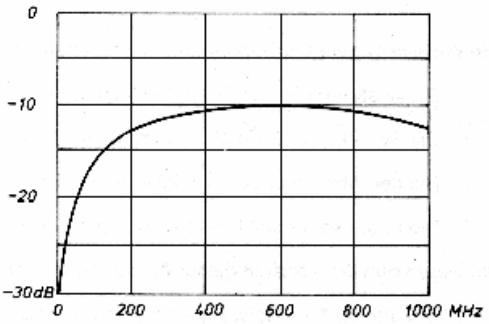
Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	10			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	800			VDC
Housing material		Metal			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Ambient temperature		-20		70	°C
Storage temperature		-25		85	°C
Soldering temperature	wave soldering max. 5 sec			260	°C
Cleaning		fully sealed			

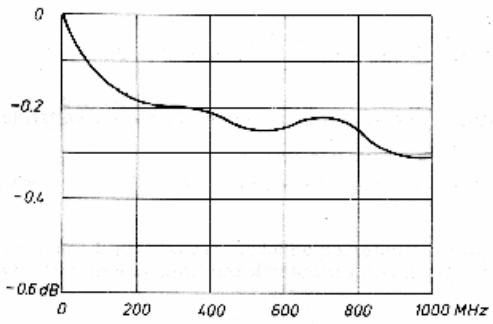
Seite/Page	von/of	LP relay series – HF performance	MEDER electronic
1	1		
Erstellt/Issued by	Datum/Date		
rm	07.03.05		



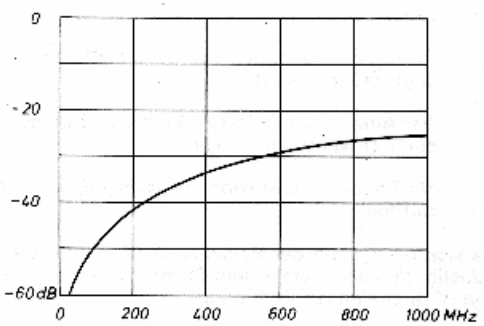
1. SMITH CHART



2. RETURN LOSS



3. TRANSMISSION LOSS



4. INSULATION LOSS