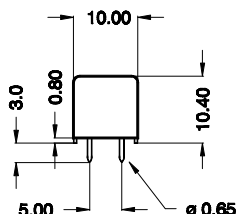
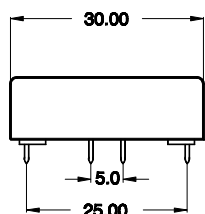
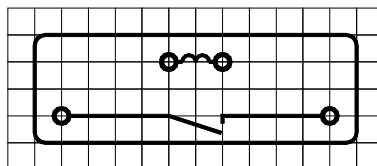


dimensions (tolerance $\pm 0,1\text{mm}$)

layout / pitch 2,5 / top view

marking
MEDER YM/P
LI12-1A79

 Marking of code for manufacturing date according to DIN EN 60062
 P = manufacturing plant

coil data	condition	Min.	Typ.	Max.	unit
coil resistance	at 20°C	612		748	Ω
nominal voltage			12,0		VDC
pull-in voltage				8,4	VDC
drop-out voltage		1,8			VDC
coil voltage	at 20°C			26,5	VDC
coil voltage	at 60°C			16,4	VDC
nominal power	determined with nominal voltage and rated current			211	mW

contact data 79 (Form A/Dry)					
contact material		Rhodium			
rated power	each combination of the switching voltage and current must not exceed the given rated power			25	W
switching voltage				1000	VDC
switching current				1,0	A
carry current				2,0	A
static contact resistance	starting values measured with $1,4 \times AT_{\text{pull-in}}$ 10mA / 20 ms			150	m Ω
insulation resistance	RH Ω 45%	10^{11}			Ω
breakdown voltage		2500			VDC
capacitance	without test coil			0,5	pF

relay data					
insulation resistance coil-contact		10^{10}			Ω
insulation voltage coil-contact		4,25			kVDC
shock	$\frac{1}{2}$ sine wave, duration 11ms			50	g
vibration	50 – 1000Hz			50	g
operate time incl. bounce	measured with $1,4 \times AT_{\text{pull-in}}$		0,8		ms
release time			0,4		ms

general data					
operating temperature		-20		70	°C
storing temperature		-35		95	°C
soldering temperature	10 sec. at			260	°C
washability		fully sealed			
material of case		Glass fibre reinforced polybutylene terephthalate (PBTP) self-extinguishing self-extinguishing according V-0 according to UL94			
sealing compound		epoxy resin			
material of pins		Cu-alloy tinned			