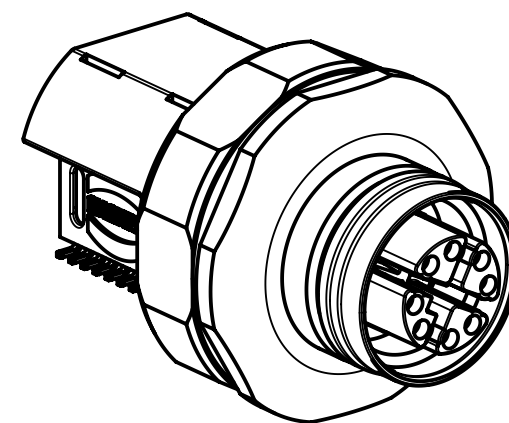
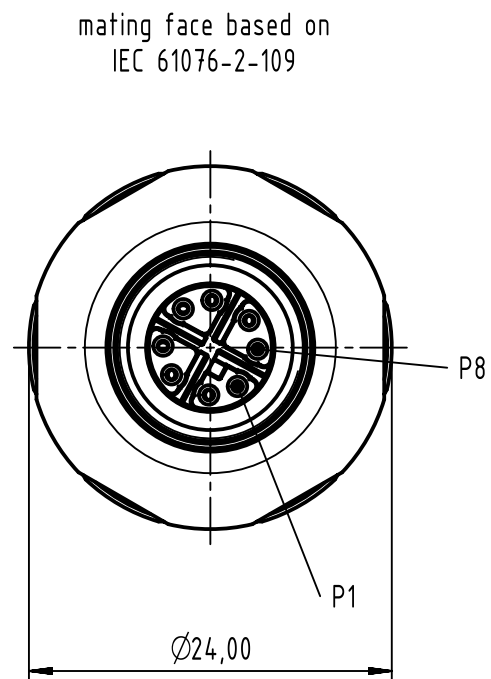
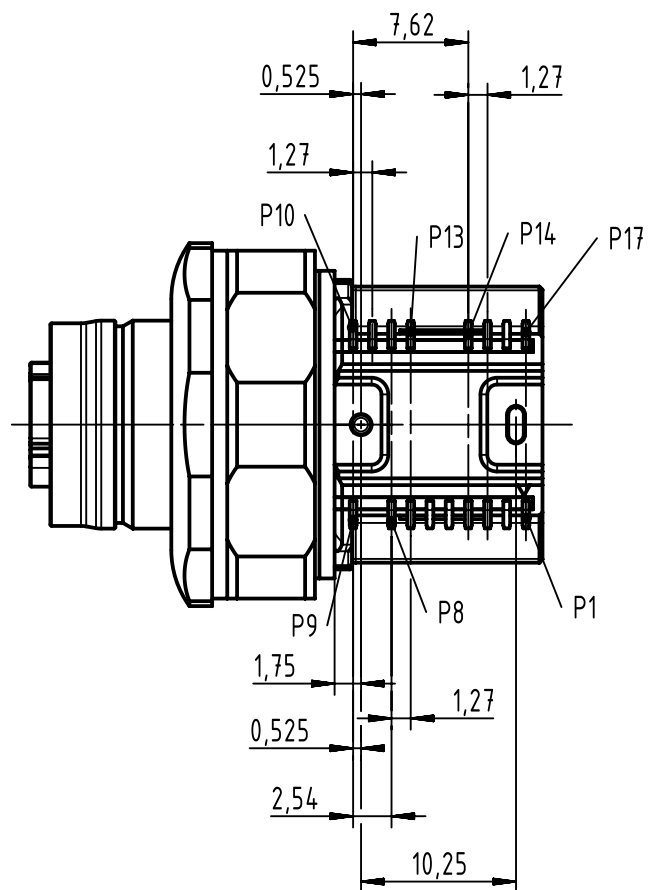
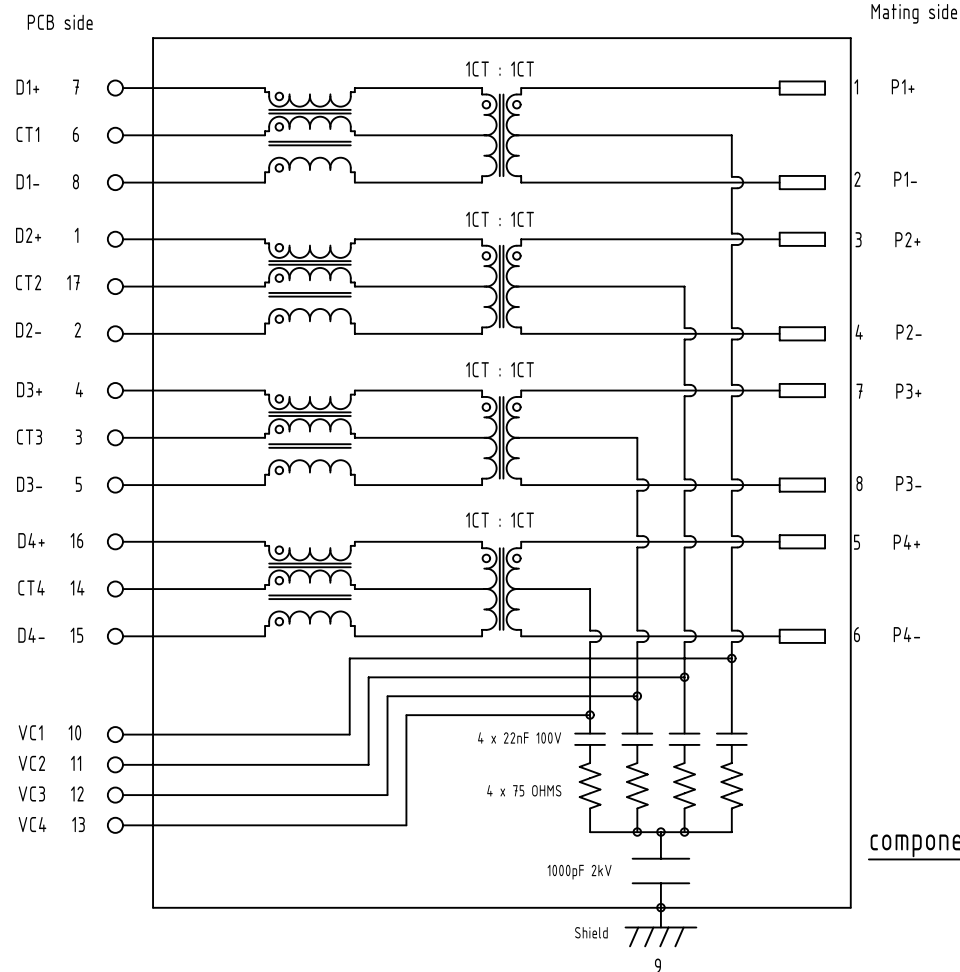




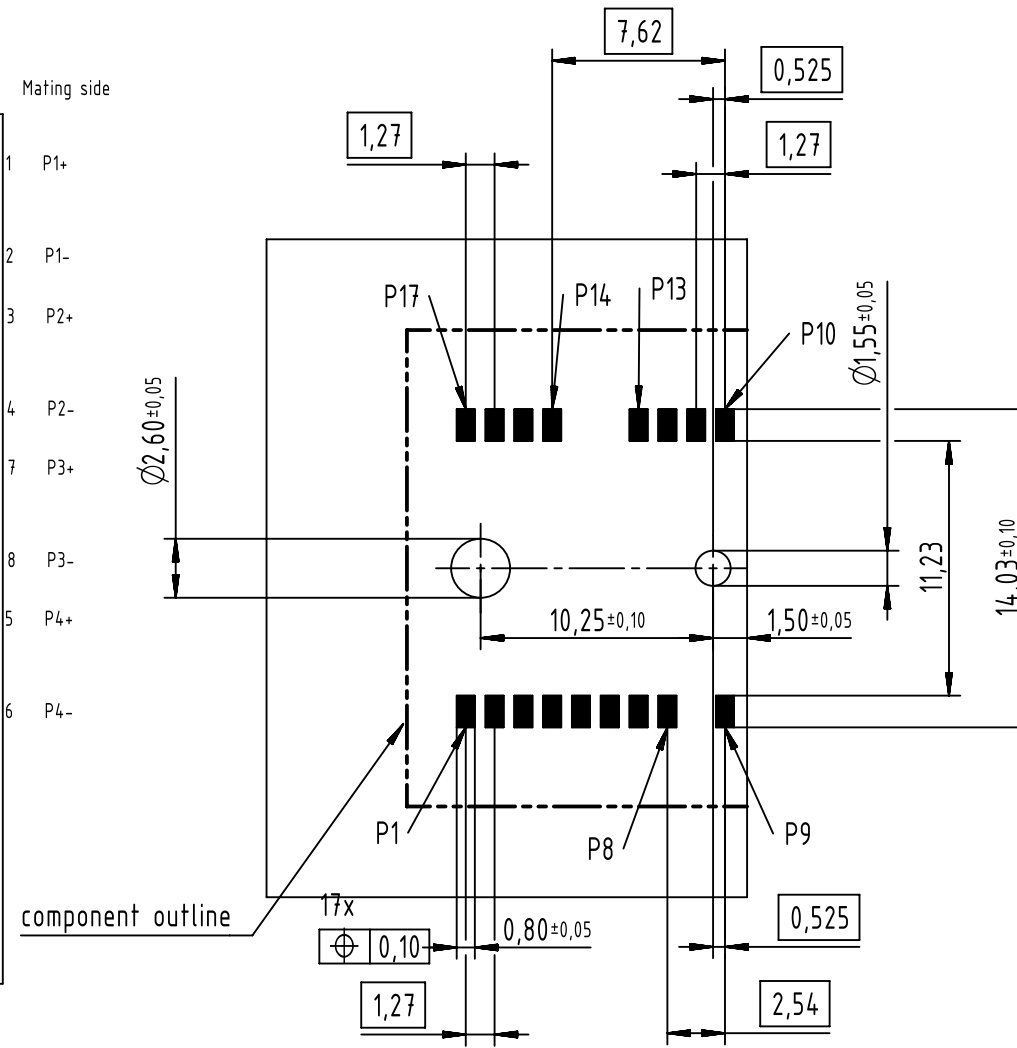
1 PC Packaging
Content: 1 x 21033814822
M12 transformer angled X-coded 1G BASE-T
1 x 21033012006
Front mounting kits

		All Dimensions in mm Original Size DIN A3		Scale 2:1		Free size tol.		Ref.		
								Sub.		
		All rights reserved		Created by CHENSK		Inspected by CHENSK		Standardisation HOFFMANN		
		Department EL PD						Date 2019-05-30		
								State Final Release		
HARTING Electronics GmbH D-32339 Espelkamp		Title M12 WITH MAGNETICS X-CODED ANGLED POE+ 1GB							Doc-Key / ECM-Nr. 100693074/UGD/004/B 500000152702	
		Type TB		Number 21033814826					Rev. B	
									Page 1/2	

Schematic



Recommended PCB layout



Electrical Characteristics @+25°C unless otherwise noted
Meets IEEE802.3 specification
RoHS compliant

Parameter	Specification/ Limit Values
Operating Temperature	-40°C - +85°C
Turn Ratio (+/- 2%)	1CT : 1CT
Current Capacity Pins 1-8/ VC1-VC4	750mA DC
OCL	min 350µH @ 100KHz , 100mV with 8mA bias current
Isolation (Input- Output)	2.25kV VDC , for 60sec. min
	f ≤ 100MHz
Insertion Loss	1.3 dB
Return Loss	9 dB
Crosstalk	30 dB
CMRR	30 dB
CDMR	30 dB

NOTE: 1. f is the frequency in MHz
2. The Product has been tested for DC isolation. HARTING assumes no liability or obligation for AC isolation testing.

		All Dimensions in mm Original Size DIN A3		Scale 2:1		Free size tol.		Ref.							
								Sub.							
		All rights reserved		Created by CHENSK		Inspected by CHENSK		Standardisation HOFFMANN		Date 2019-05-30		State Final Release			
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HARTING Electronics GmbH D-32339 Espelkamp				Type TB		Number 21033814826						Rev. B		Page 2/2	