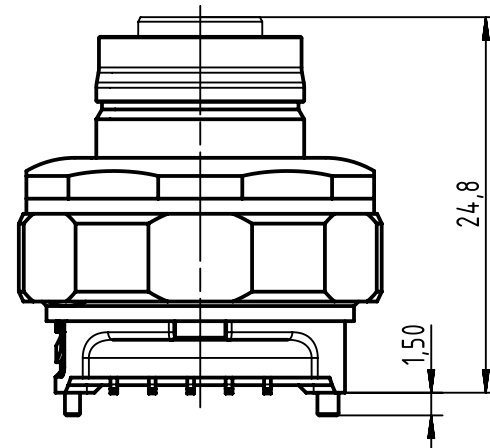
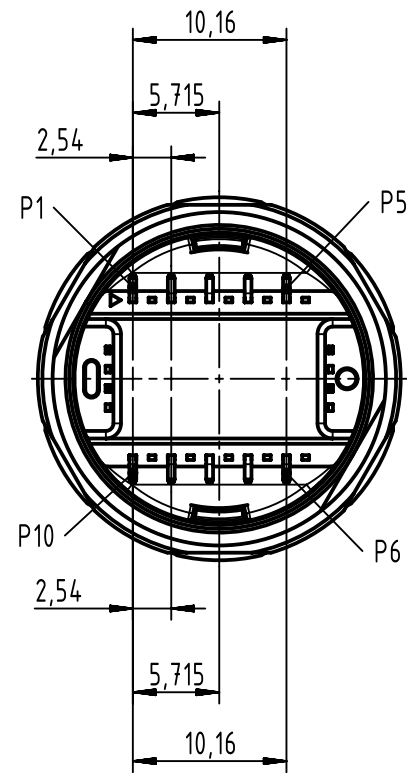
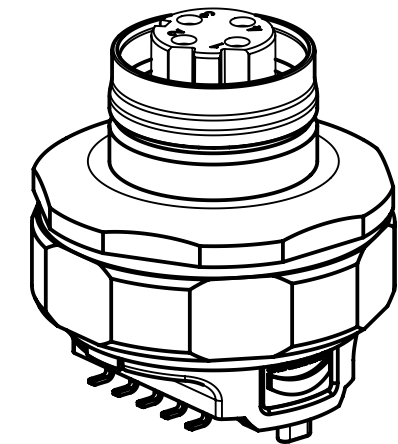
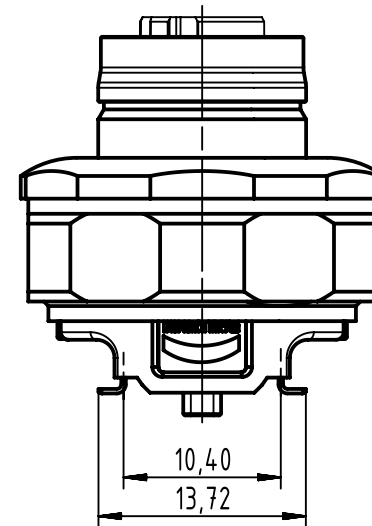
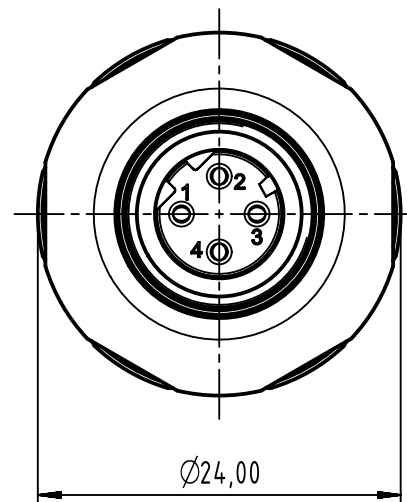




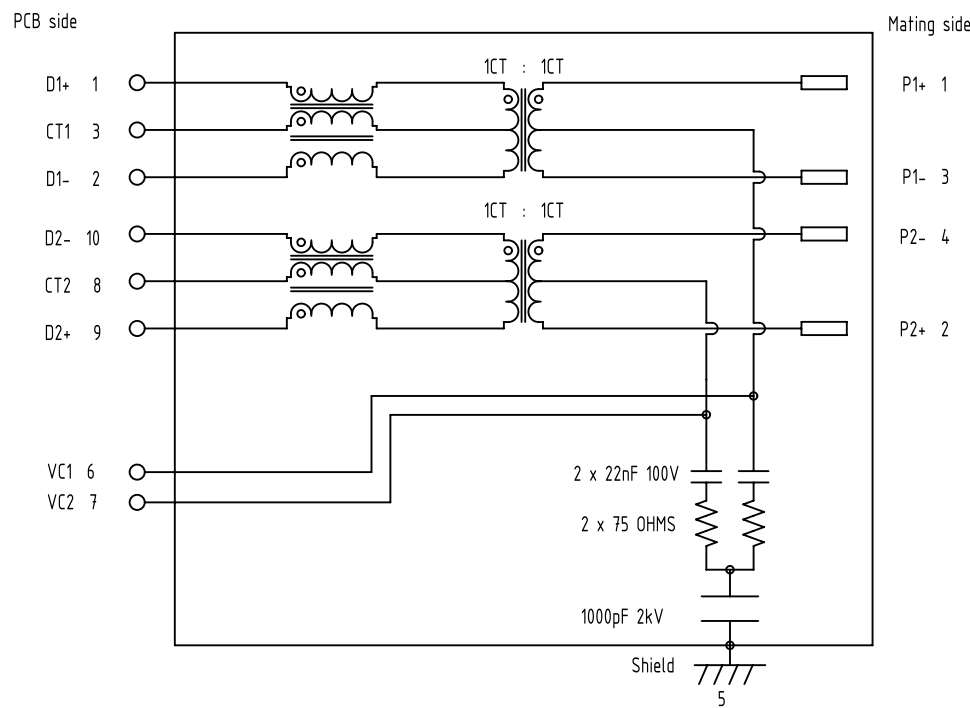
mating face based on
IEC 61076-2-101



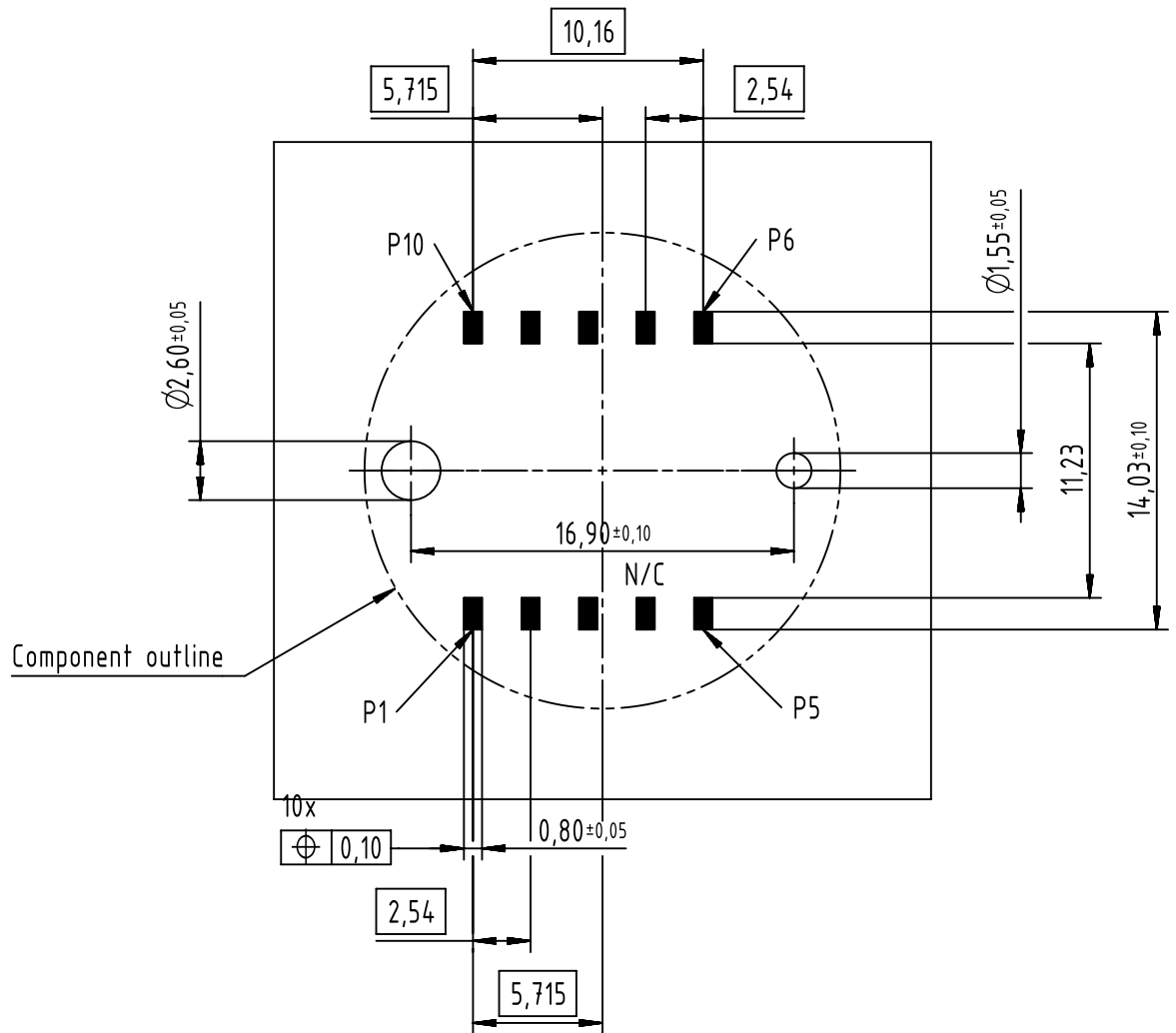
1 PC Packaging
Content: 1 x 21033812411
M12 transformer straight D-coded 10/100 BASE-T
1 x 21033012006
Front mounting kits

		All Dimensions in mm Original Size DIN A3		Scale 2:1		Free size tol.		Ref.							
								Sub.							
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Department EL PD		Title M12 WITH MAGNETICS D-CODED STR POE+ FAST ETHERNET								Doc-Key / ECM-Nr. 100696795/UGD/004/C 500000152702					
HARTING Electronics GmbH D-32339 Espelkamp				Type TB		Number 21033812421						Rev. C		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 350pH @ 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.

N/C: leave all pins floating. Do not connect to any of the pins to any net

		All Dimensions in mm Original Size DIN A3		Scale 1:1		Free size tol.		Ref.					
				Sub.									
		All rights reserved		Created by CHENSK		Inspected by CHENSK		Standardisation HOFFMANN		Date 2019-05-30		State Final Release	
		Department EL PD											
HARTING Electronics GmbH D-32339 Espelkamp				Title M12 WITH MAGNETICS D-CODED STR POE+ FAST ETHERNET								Doc-Key / ECM-Nr. 100696795/UGD/004/C 500000152702	
				Type TB		Number 21033812421						Rev. C	