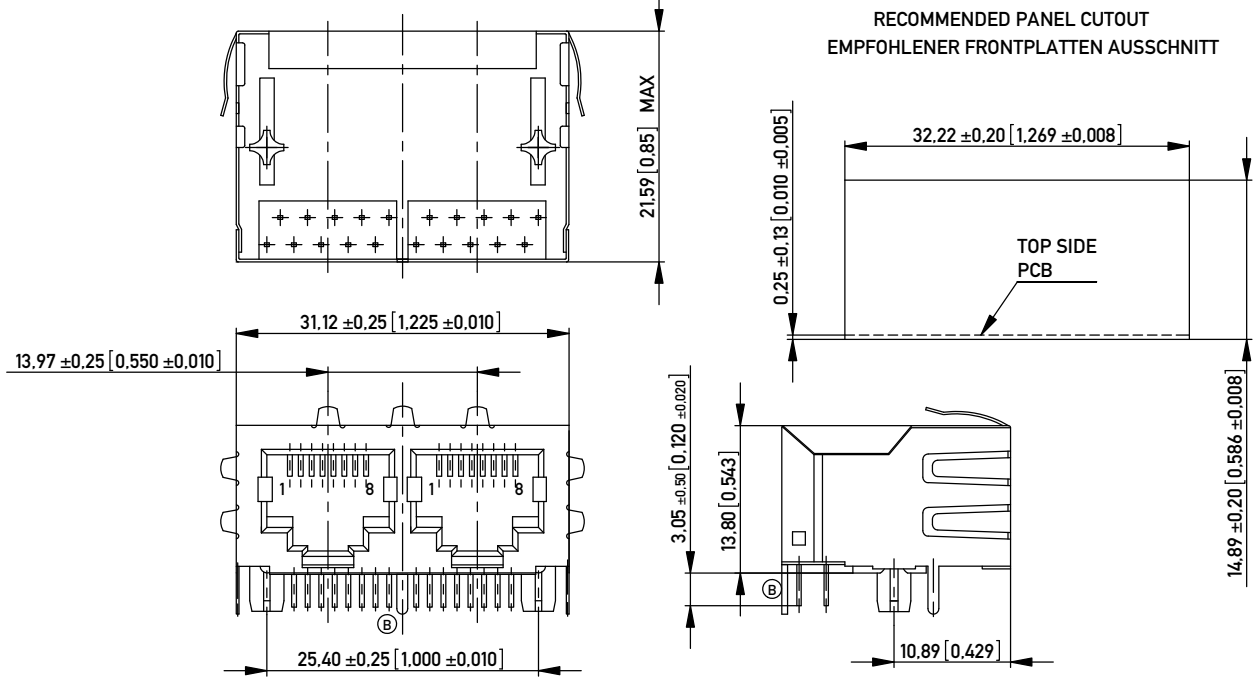
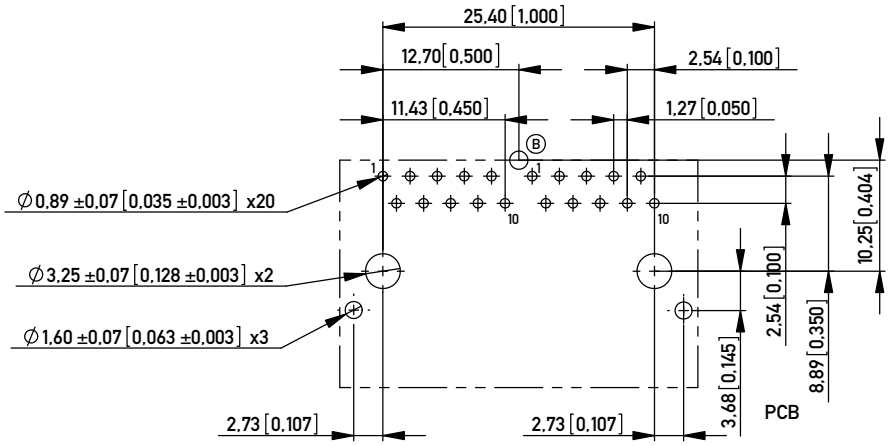
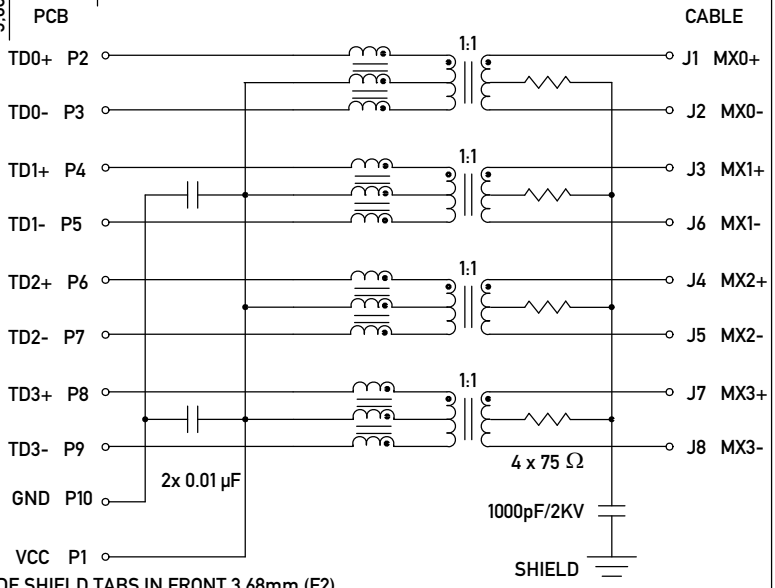


RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN AUSSCHNITT

RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTÜCKUNGSSEITE)
ALL TOLERANCES ±0.05 UNLESS NOTED



ELECTRICAL SCHEMATIC M5I05
ELEKTRISCHER SCHALTPLAN



MAGNETICS SPECIFICATIONS @ 25°C

TURNS RATIO:	1CT:1CT ±3%
OCL(100 KHz, 0.1 V, 8 mA)	350 µH MIN
INSERTION LOSS:	
1-100 MHz	-1.1 dB MAX
RETURN LOSS:	
1-40 MHz	-18 dB MIN
60 MHz	-14 dB MIN
80 MHz	-12 dB MIN
100 MHz	-10 dB MIN
CROSSTALK (1-100 MHz)	-35 dB TYP
CMR 1-30 MHz	-38 dB TYP
30-60 MHz	-35 dB TYP
60-100 MHz	-30 dB TYP
ISOLATION	1500 Vrms

MATERIALS AND FINISH

HOUSING: GLASS FILLED POLYESTER UL 94 V-0 BLACK
SHIELDING: Cu ALLOY, PLATED WITH Ni
CONTACTS: PHOSPHOR BRONZE
CONTACT FINISH: Au, 0.8µm [30µin]
TERMINAL FINISH: Sn
MECHANICAL CHARACTERISTICS
DURABILITY: 1000 MATING CYCLES
ELECTRICAL CHARACTERISTICS
CONTACT RESISTANCE: 30 MILLIOHMS MAX
OPERATING TERMPERATURE: 0°C TO 70°C

NOTE 1: SIDE SHIELD TABS IN FRONT 3.68mm (F2)
NOTE 2: ONE REAR SHIELD TAB CENTERED
NOTE 3: PANEL GROUND FLANGES BOTH SIDES AND TOP (GF5)
NOTE 4: RoHS COMPLIANT; PRINT "RC" WITH DATE CODE

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Dimension Nr. SCHEMATIC NUMBER: M5I05	Tolerances ISO 2768-m ISO 8015	All Dimensions in mm [in]	Scale 2:1
			Material
	Date	Name	Designation
	Drawn 07.04.2006	Sevri	MOD JACK-MJIM
	Checked 10.04.2006	Mödinger	8C10T,1x2,INTEGRATED MAGNETICS
	Approved		
ERNI Production GmbH & Co. KG D-73099 ADELBERG			203477 (1/1)
b 0003-14 16.07.2014 Krammer			A3
Index Modification Nr. Date Name			Class MJIM

Tool-Nr.: