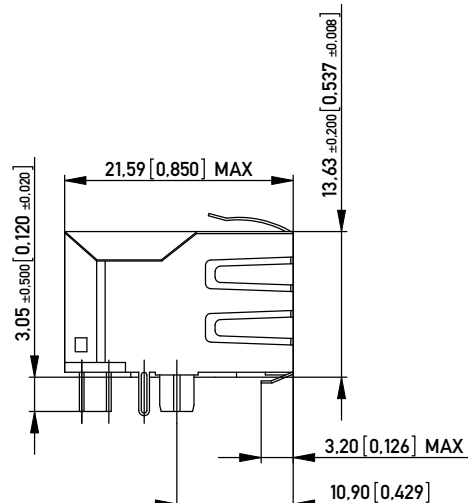
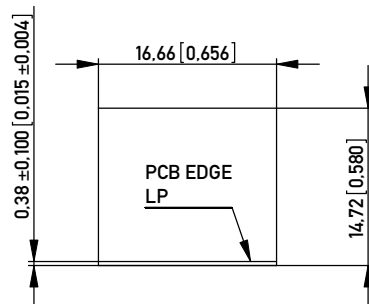
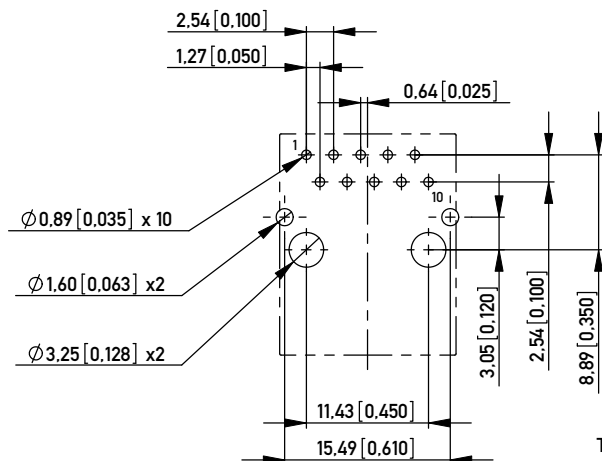


RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFÖHLENES LEITERPLATTEN-LAYOUT (BESTÜCKUNGSSEITE)
TOL ±0.05 [0.002] UNLESS NOTED



RECOMMENDED PANEL CUTOUT
EMPFÖHLER FRONTPLATTEN AUSSCHNITT



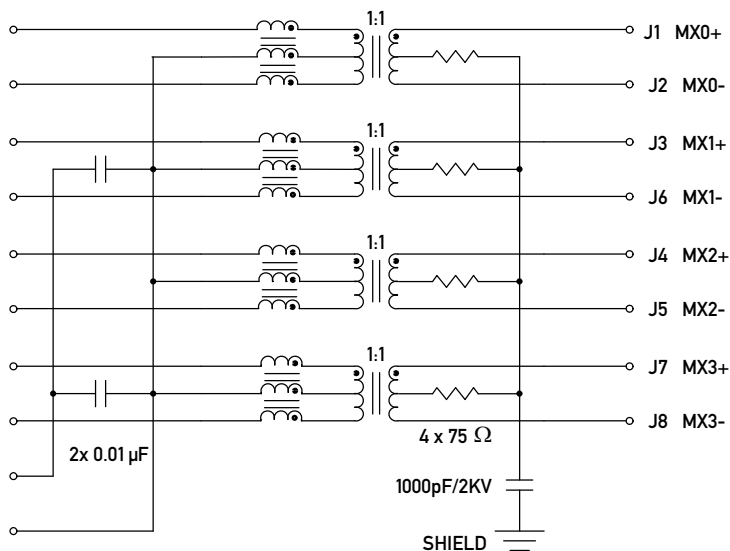
ELECTRICAL SPECIFICATIONS @ 25°C

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	1,500 Vrms

PCB

TD0+ P2	
TD0- P3	
TD1+ P4	
TD1- P5	
TD2+ P6	
TD2- P7	
TD3+ P8	
TD3- P9	
GND P10	
VCC P1	

ELECTRICAL SCHEMATIC M5105 ELEKTRISCHER SCHALTPLAN



CABLE

J1	MX0+
J2	MX0-
J3	MX1+
J6	MX1-
J4	MX2+
J5	MX2-
J7	MX3+
J8	MX3-

MATERIALS AND FINISH

HOUSING: GLASS FILLED POLYESTER UL 94 V-0 BLACK
SHIELDING: Cu ALLOY, PLATED WITH Ni 40µin MIN
CONTACTS: PHOSPHOR BRONZE 30µin Au OVER Ni
CONTACT FINISH: Au, 0.8µm [30µin] OVER Ni
TERMINAL FINISH: Sn MATTE
MECHANICAL CHARACTERISTICS
DURABILITY: 1000 MATING CYCLES
OPERATING TEMPERATURE: 0°C TO 70°C

NOTE 1: PANEL GROUND FLANGES BOTH SIDES, TOP AND BOTTOM (GF5)

NOTE 2: SIDE GROUND TABS REAR OF PEG 3.05mm (R)

NOTE 3: RoHS COMPLIANT; PRINT "RC" WITH DATE CODE

Information: SCHEMATIC NUMBER: M5105	Tolerances	Scale 2:1	Designation MOD JACK - MJIM 8C10T, 1x1, INTEGRATED MAGNETICS	203448	I (1/1) A3
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