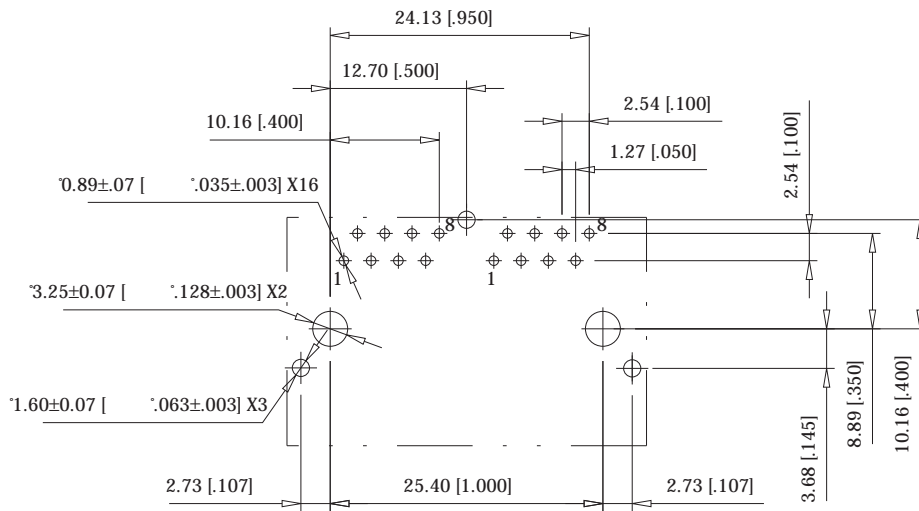


RECOMMENDED PCB LAYOUT - COMPONENT SIDE VIEW
 EMPFOHLENER FUER LEITERPLATTE - BESTUCKUNGSSEITE
 ALL TOLERANCES ±0.05 UNLESS NOTED



NOTE 1: ONE REAR SHIELD TAB CENTERED

NOTE 2: PANEL GROUND FLANGES BOTH SIDES, BOTTOM AND TOP (GF5)

MATERIALS AND FINISH

HOUSING: GLASS FILLED POLYESTER UL 94 V-0 BLACK
 SHIELDING: Cu ALLOY, PLATED WITH Ni
 CONTACTS: PHOSPHOR BRONZE
 CONTACT FINISH: Au, 0.8 μm (30 μin) OVER Ni
 TERMINAL FINISH: SnPb

MECHANICAL CHARACTERISTICS

DURABILITY: 1000 MATING CYCLES

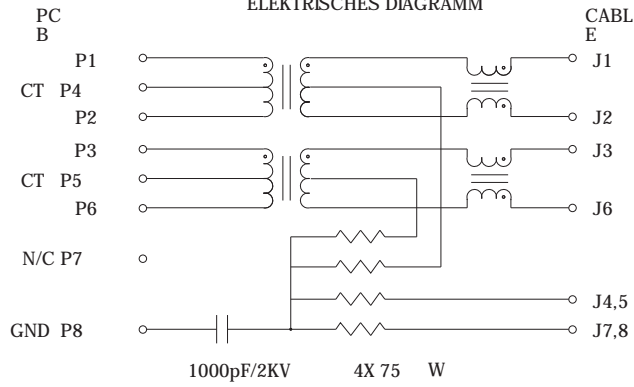
ELECTRICAL CHARACTERISTICS

CONTACT RESISTANCE: 30 MILLIOHMS MAX
 OPERATING TEMPERATURE: 0°C TO 70°C

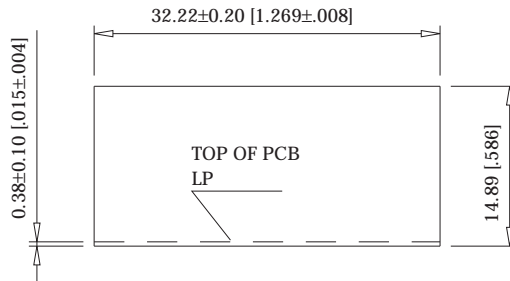
Information:		Tolerances ISO 2768 m		Scale 2:1	-
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Rev.	Change No.	Date	SK Name	Plot At	Group/Type MAXM

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ELECTRICAL SCHEMATIC M3D01
ELEKTRISCHES DIAGRAMM



RECOMMENDED PANEL
CUTOUT
EMPFÖHLENER FRONTPLATTEN AUSSCHNITT



MAGNETICS SPECIFICATIONS @ 25°C

AUTO MDIX COMPATIBLE

URNS RATIO:

- (P1-P2 : J1-J2) 1CT : 1 ±3%
- (P3-P6 : J3-J6) 1CT : 1 ±3%

OCL(100 KHz, 0.1 Vrms, 8 mA)

- (P1-P2 : P3-P6) 350µH MIN

DCR (P1-P2, P3-P6) 0.9 OHMS MAX

INSERTION LOSS:

- 0.1-100 MHz -1.1 dB MAX

RETURN LOSS:

- 0.5 - 30 MHz: -18 dB MIN
- 40 MHz: -15.5 dB MIN
- 50 MHz -13.6 dB MIN
- 60 - 80 MHz -12 dB MIN

CROSSTALK:

- 1-100 MHz -40 dB TYP

CMR:

- 0.1 - 30 MHz -50 dB TYP
- 30 - 60 MHz -40 dB TYP
- 60 - 100 MHz -35 dB TYP

ISOLATION 1500 Vrms

INFORMATION:	Tolerances	 All Dimensions in mm [in]	Scale 2:1
			MAT'L
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Index	Date	Group/Type	MAXM

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