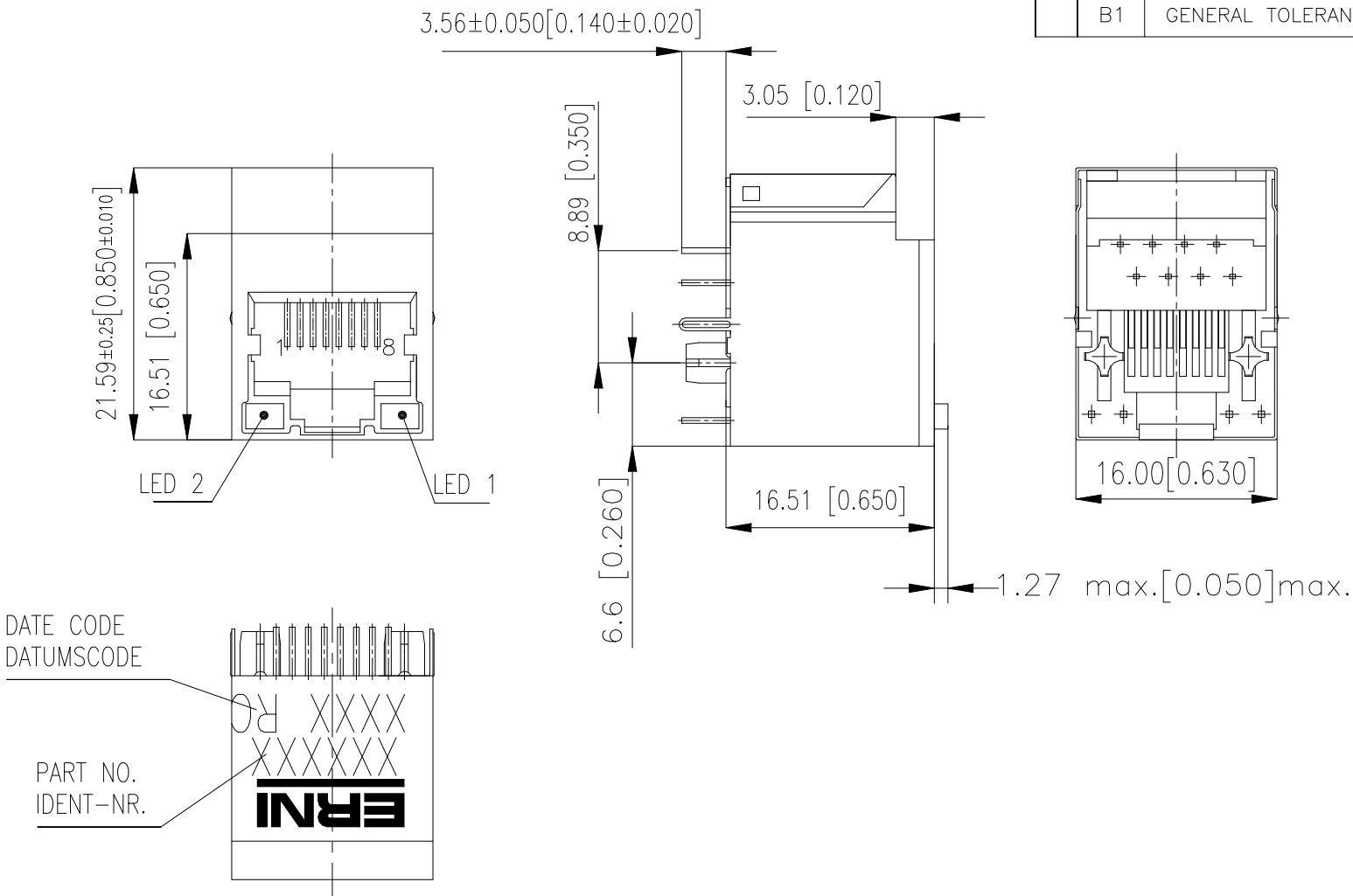


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	GENERAL TOLERANCE ADDED	04JAN2024	NK	JDB



NOTE 1: RoHS COMPLIANT; PRINT "RC" WITH DATE CODE

	NO. IDENT.-NR.	LED 2 LEFT LED 2 LINKS	LED 1 RIGHT LED 1 RECHTS	LED CODE
	203323-E	YELLOW	GREEN	L1
	203324-E	GREEN	YELLOW	L2
	203325-E	GREEN	GREEN	L3
OBSOLET	203326-E	GREEN	RED	L4
OBSOLET	203327-E	ORANGE/GREEN	ORANGE/GREEN	L9

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: Sn MATTE
LED LENS: EPOXY

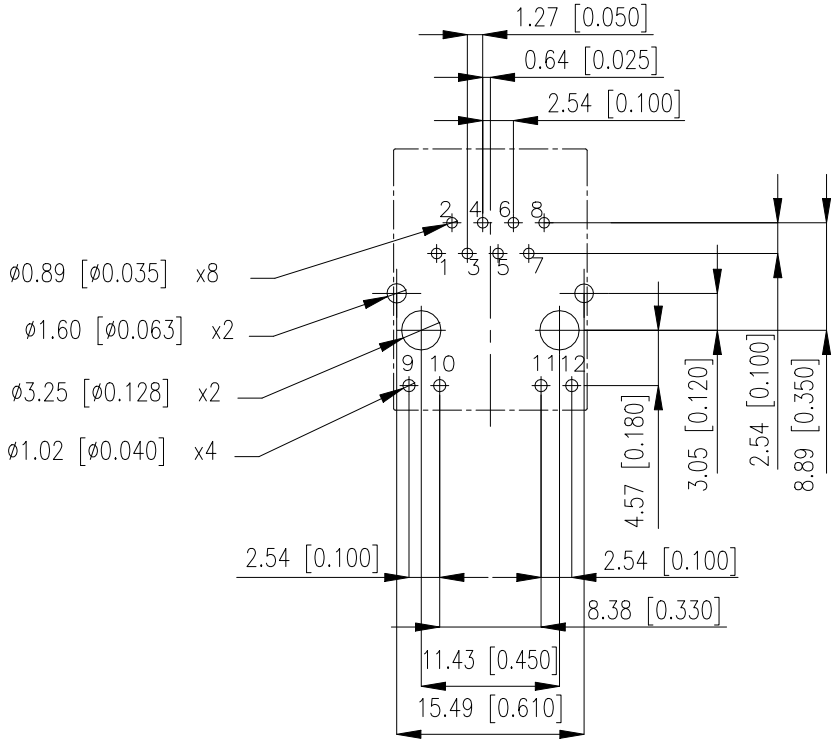
MECHANICAL CHARACTERISTICS
DURABILITY: 1000 MATING CYCLES

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

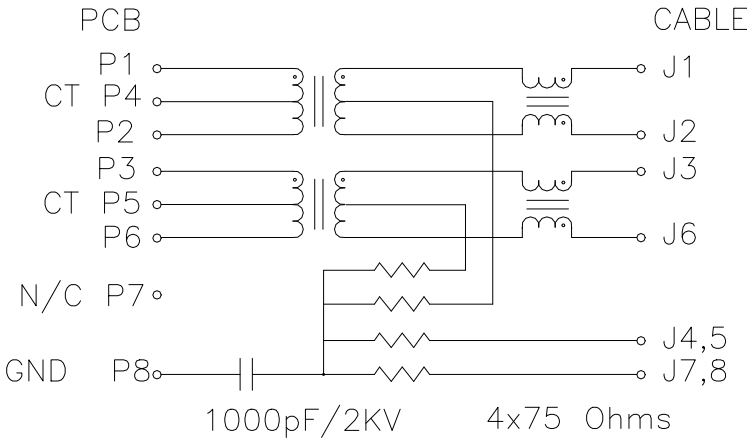
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN N K NIKHIL	04NOV2022	TE Connectivity	
		CHK N MANTIKOU	06NOV2022		
		APVD J DE BRUIJN	06NOV2022	NAME MOD - JACK MJIMV 1x1, 8C8T, VERTICAL, INT. MAG., LED	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-94889	
				APPLICATION SPEC 114-94780	
				SIZE A3	CAGE CODE 00779
				DRAWING NO C-203323-E	RESTRICTED TO -
MATERIAL -		FINISH -		WEIGHT -	SCALE NTS
				CUSTOMER DRAWING	
				SHEET 1 OF 2	REV B1

P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

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



ELECTRICAL SCHEMATIC M3D01
ELEKTRISCHER SCHALTPLAN



MAGNETICS SPECIFICATIONS @ 25°C	
AUTO MDIX COMPATIBLE	
TURNS RATIO:	
(P1–P2 : J1–J2)	1CT : 1 ±3%
(P3–P6 : J3–J6)	1CT : 1 ±3%
OCL(100 KHz, 0.1 Vrms, 8 mA)	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

LED SPECIFICATIONS
LED ANWEISUNG

COLOR FARBE	V _f TYP	V _f MAX	I _f mA	CIRCUIT DIAGRAM SCHALTPLAN
YELLOW	2.1	2.5	20	
GREEN	2.2	2.5	20	
RED	2.25	2.5	20	
ORANGE/GREEN	2.05/2.2	2.5	20	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN N K NIKHIL 04NOV2022			
		CHK N MANTIKOU 06NOV2022			
DIMENSIONS: mm [INCHES]		APVD J DE BRUIJN	NAME		
		PRODUCT SPEC	MOD – JACK MJIMV 1x1, 8C8T, VERTICAL, INT. MAG., LED		
		108–94889			
		APPLICATION SPEC			
		114–94780			
MATERIAL		WEIGHT	SIZE	CAGE CODE	DRAWING NO
–		–	A3	00779	C=203323–E
		FINISH	RESTRICTED TO		
–		–	–		
CUSTOMER DRAWING			SCALE	SHEET	REV
			NTS	2 OF 2	B1