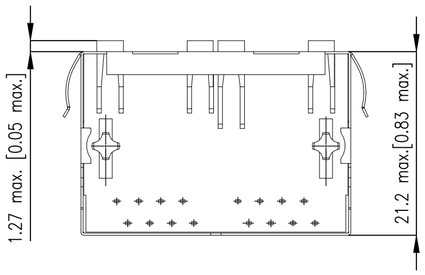
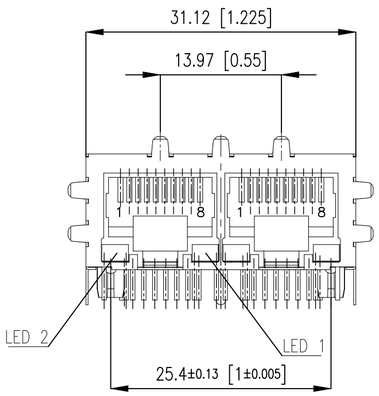
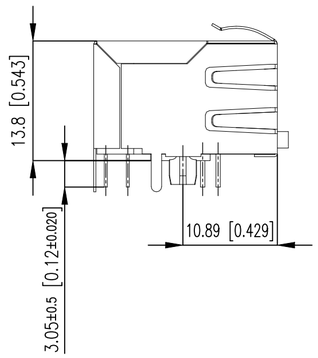
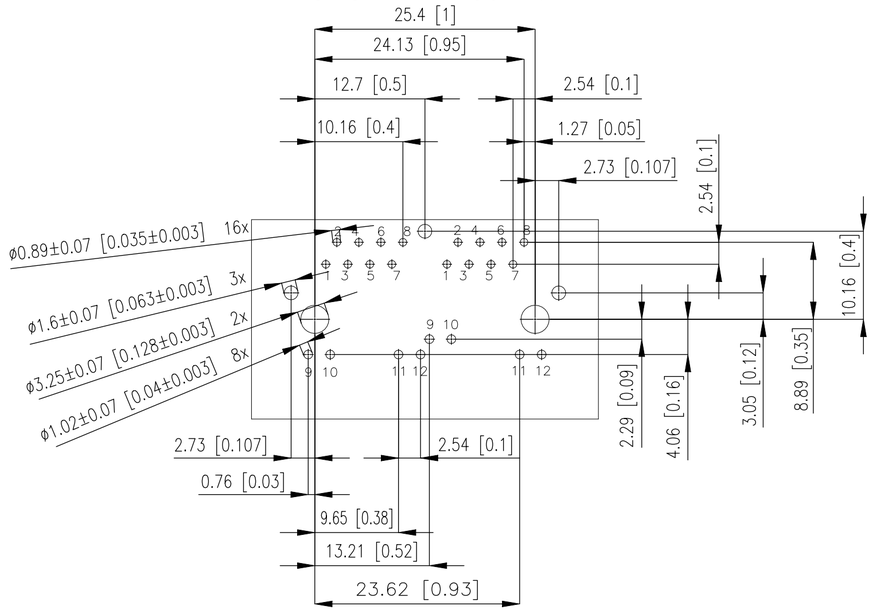
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	NEW DRAWING	09NOV2022	ASB	JDB



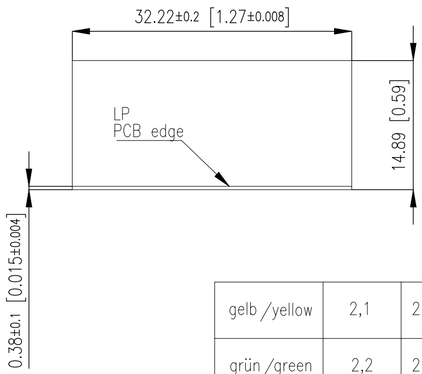




Empfohlenes Leiterplatten–Layout (Bestückungsseite)
Recommended PCB layout (component side view)
TOL ±0.05 [.002] wenn nicht angegeben / unless noted



Empfohlener Frontplatten Ausschnitt
Recommended panel cutout



Materialien und Ausführung / Materials and finish:
Gehäuse / Housing: glasgefülltes Polyester UL 94 V–0 schwarz / glass filled polyester UL 94 V–0 black
Abschirmung / Shielding: Cu–Legierung, beschichtet mit Ni / Cu alloy, plated with Ni
Kontakte / Contacts: Phosphor bronze
Kontaktoberfläche / Contact finish: Au, 0,8 µm (30 µin), über Ni / Au, 0.8 µm (30 µin), over Ni
Anschlussoberfläche / Terminal finish: Solder
LED–Linse / LED lens: Epoxid / epoxy
Betriebstemperatur / Operating temperature: 0C to 70°C

Farbe / Color	Vf Typ	Vf Max	If mA	Schaltplan / circuit diagramm
gelb / yellow	2,1	2,5	20	9 10 — 11 12
grün / green	2,2	2,5	20	9 10 — 11 12
rot / red	2,25	2,5	20	9 10 — 11 12
orange / grün orange / green	2,05 / 2,2	2,5	20	9 10 (G, N) — 11 12 (G, N)

NOTE 1: ONE REAR SHIELD TAB CENTERED
NOTE 2: SIDE GROUND TAB REAR OF PEG 3.05 mm (R)
NOTE 3: PANEL GROUND FLANGES BOTH SIDES AND TOP (GF5)

		LED 2 links / LED 2 left	LED 1 rechts / LED 1 right	LED Code
OBSOLET	~~203312–E~~	gelb / yellow	grün / green	~~L1~~
	203313–E	grün / green	gelb / yellow	L2
	203314–E	grün / green	grün / green	L3
OBSOLET	~~203316–E~~	~~orange / grün orange / green~~	~~orange / grün orange / green~~	~~L9~~
	Ident – Nr. / Part no.			

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN B S ADRUSH 09NOV2022
CHK N MANTIKOU 11NOV2022
APVD J DE BRUIJN 11NOV2022
PRODUCT SPEC 108–94889
APPLICATION SPEC 114–94780
WEIGHT –

TE Connectivity

NAME
Modular Jack
MJIM
8C8T 1x2 INT. MAG LED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-203313–E	–

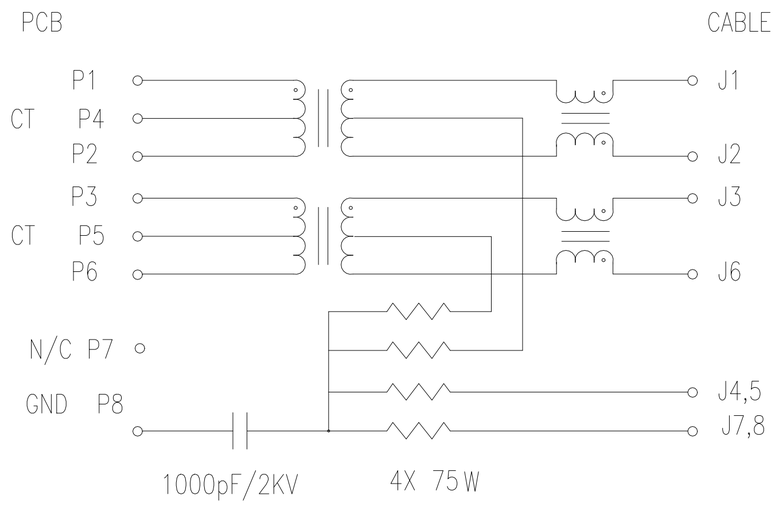
CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 3 | REV A1

203313–E

1471–9 (1/15)

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

Elektrischer Schaltplan M3D01
Electrical schematic M3D01



Magnetische Spezifikationen @ 25°C
Magnetics specifications @ 25°C
Auto MDIX kompatibel / Auto MDIX compatible
Windungsverhältnis / Turns 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) 350 µH MIN
DCR (P1–P2, P3–P6) 0,9 Ohms MAX
Einfügungsdämpfung / Insertion loss:
0,1–100 MHz –1.1 dB MAX
Rückflussdämpfung / 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
Übersprechen / 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
Isolationsspannung /
Isolation voltage 1500 Vrms

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN B S ADRUSH 09NOV2022
CHK N MANTIKOU 11NOV2022
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PRODUCT SPEC 108–94889
APPLICATION SPEC 114–94780
WEIGHT –

TE Connectivity

NAME
Modular Jack
MJIM
8C8T 1x2 INT. MAG LED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-203313-E	—

CUSTOMER DRAWING | SCALE NTS | SHEET 2 OF 3 | REV A1

203313-E