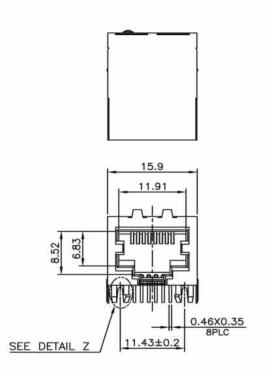
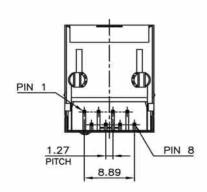
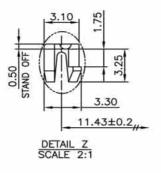
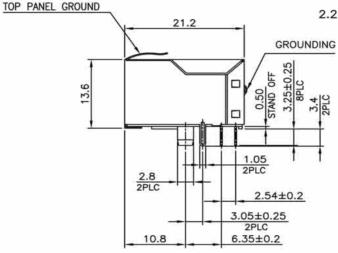
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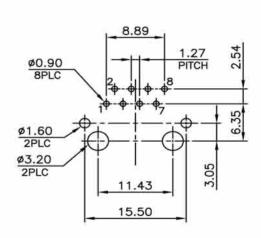




NOTE:

CAVITY CONFIRMS TO FCC RULES AND REGULATIONS PART 68, SUBPART F.

- 1. MATERIAL:
 - 1.1 HOUSING: PBT , WITH GLASS FIBER,
 - UL94V-0, STANDARD COLOR-BLACK.
 - 1.2 INSERT HOUSING: PA46, WITH GLASS FIBER, UL94V-0, STANDARD COLOR-BLACK.
 - 1.3 CONTACTS: PHOSPHOR BRONZE.
 - 1.4 SHELL: BRASS.
- 2. FINISH:
 - 2.1 CONTACTS: GOLD PLATED ON CONTACT AREA, GOLD FLASH ON SOLDER TAIL,
 - $1.27\mu m$ [50 μ^{*}] MIN. NICKEL UNDERPLATED OVERALL. 2.2 SHELL: 0.508 μm [20 μ^{*}] MIN. NICKEL PLATED.



RECOMMENDED PCB LAYOUT PCB THICKNESS: 1.6mm TOLERANCE: ±0.05mm (TOP VIEW)



TOLERANCE (mm)	APPROVALS	DATE	TITLE	Amn	henol			
X.X +/-0.30	Stephane	05/Mar/2018	Transformer RJ45,with shell,Side entry	•	ol European			
X.XX +/-0.20	CHECKED Rob	05/Mar/2018		Design Center				
X.XXX +/-0.10 Angle +/-3°	APPROVED Rob	05/Mar/2018		Scale N.A.	Sheet 1 of 2			
UNLESS OTHERWISE SPECIFIED	→ UN	mm	SIZE: Drawing No LMJ159882X110	0DT39				

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ELECTRICAL CARACTERISTICS:

1. TURNS RATIO:

(P6-P5-P4): (J6-J3) :1CT:1CT ± 3% (P3-P2-P1): (J2-J1) :1CT:1CT ± 3%

2. INDUCTANCE: (P6-P4)

(P3-P1)

: 350uH MIN. @ 0.1 T) : 0.3 MAX. @ 1MHz

: 350uH MIN. @ 0.1V, 100KHz,8mA DC Bias : 350uH MIN. @ 0.1V, 100KHz,8mA DC Bias

3. LEAKAGE INDUCTANCE: P6-P4 (WITH J6 AND J3 SHORT)

P3-P1 (WITH J2 AND J1 SHORT)

) : 0.3 MAX. @ 1MHz : 30pf MAX. @1MHz

4. INTERWINDING CAPACITANCE: (P6,P5,P4)TO(J6,J3) (P3,P2,P1)TO(J2,J1)

: 30pf MAX. @1MHz

5. DC RESISTANCE: (J6-J3)=(J2-J1)

: 1.2 ohms Max.

6. CROSSTALK

:-30dB MIN AT 1MHz TO 100MHz

7. INSERTION LOSS

: -1.0dB MAX AT 1MHz TO 100MHz :-20dB MIN AT 1MHz TO 30MHz

8 RETURN LOSS

-15dB MIN AT 30MHz TO 60MHz

Than I sheet will be supplied to a series have

-10dB MIN AT 60MHz TO 80MHz

NOTES
1.0 PINS WITHOUT ELECTRICAL
CONNECTION ARE OMITTED

Ordering Information LMJ159882X110DT39

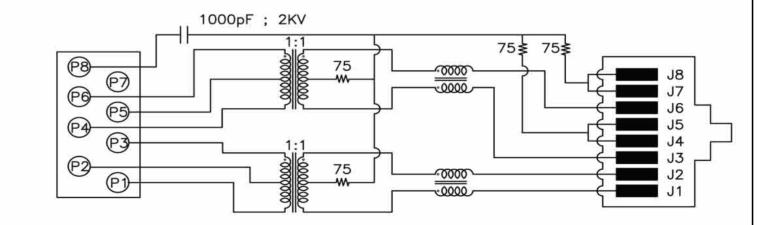
a: Contact plating

1: 15u"gold

2: 30u"gold

3: 50u"gold

4: 6u"gold





TOLERANCE (mm)	APPROVALS	DATE	TITLE		Amphenol		
X.X +/-0.30	Stephane	05/Mar/2018		Transformer RJ45, with shell, Side entry	Amphenol Europea		
X3X 17 6.20	CHECKED Rob	05/Mar/2018			Design Center		
X.XXX +/-0.10 Angle +/-3°	APPROVED Rob	05/Mar/2018			Scale N.A.	Sheet 2 o	of 2
UNLESS OTHERWISE SPECIFIED	UNIT: mm		SIZE:	Drawing No LMJ159882X110	0DT39		REV.