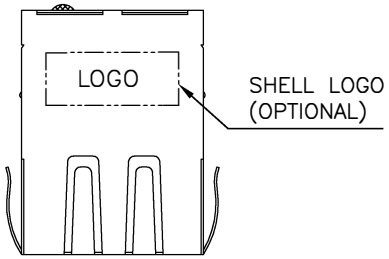
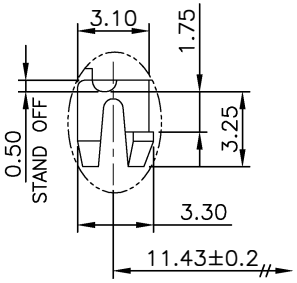
RoHS Compliance

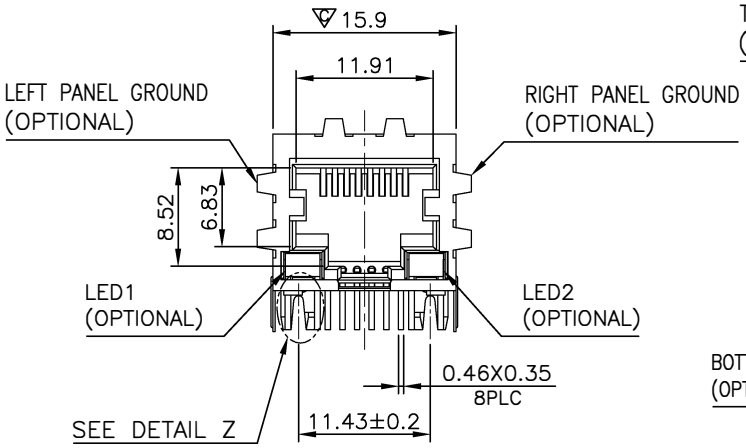


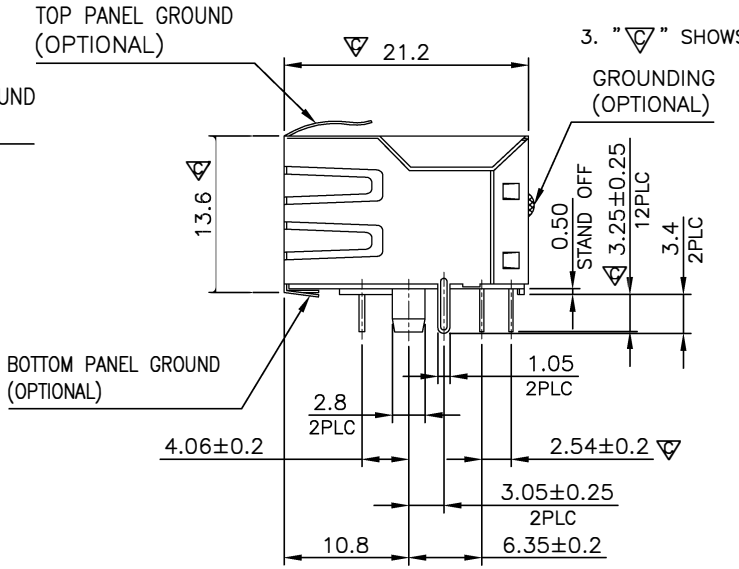


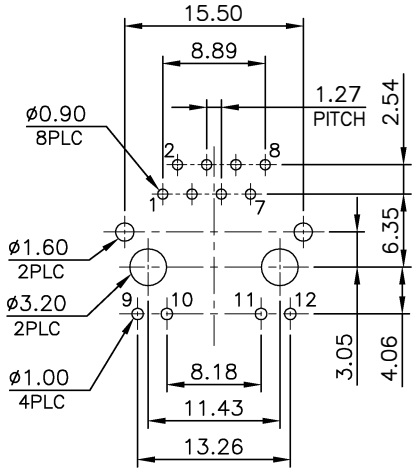
DETAIL Z
SCALE 2:1

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

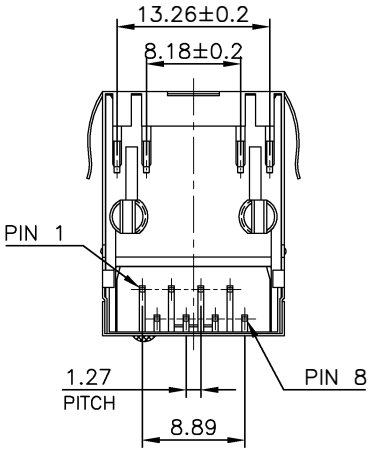
1. MATERIAL:
   - 1.1 HOUSING: PBT OR PA46, WITH GLASS FIBER, UL94V–0, STANDARD COLOR–BLACK.
   - 1.2 INSERT HOUSING: PA46, WITH GLASS FIBER, UL94V–0, STANDARD COLOR–BLACK.
   - 1.3 CONTACTS: PHOSPHOR BRONZE.
   - 1.4 SHELL: BRASS.
   - 1.5 LED SOLDER TAIL: STEEL.
2. FINISH:
   - 2.1 CONTACTS: GOLD PLATED ON CONTACT AREA, GOLD FLASH ON SOLDER TAIL, 1.27μm [50μ"] MIN. NICKEL UNDERPLATED OVERALL.
   - 2.2 SHELL: 0.508μm [20μ"] MIN. NICKEL PLATED.
   - 2.3 LED SOLDER TAIL: 2.032μm [80μ"] MIN. TIN PLATED.
3. "▽C" SHOWS QIP INSPECTION POINT.







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



LED1	LED2
9+ ⊳|– 10	11+ ⊳|– 12

LED SCHEMATIC

LTR	DESCRIPTION	DATE	APVD
△	–	–	–
	REVISIONS		

THIS DRAWING IS A CONTROLLED DOCUMENT.
DO NOT SCALE DRAWING.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:
THIRD ANGLE PROJECTION	X ± – X.X ± 0.25 X.XX ± 0.13 X.XXX ± 0.05 ANGLES ± –
MATERIAL SEE NOTES	FINISH SEE NOTES

DWN	A.LI	AUG–09–2017
CHK	A.HUANG	AUG–09–2017
APVD	M.CHANG	AUG–10–2017

FLYiNG

TITLE
RJ45, FLAT PIN, WITH LED,
WITH SHELL, SIDE ENTRY PCB JACK

SIZE	CAUGE CODE	DRAWING NO
A3	–	979907

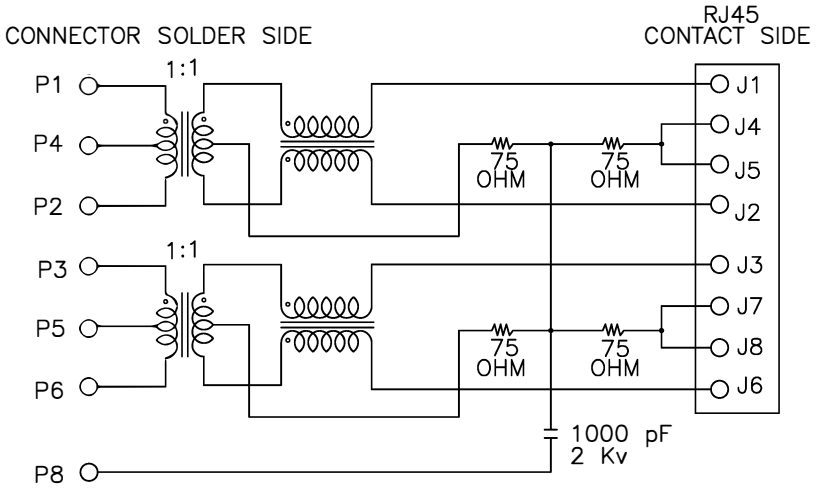
WEIGHT	REV	SHEET
– GRAMS Ref.	1	1

RoHS Compliance

9799 TRANSFORMER TYPE O

ELECTRICAL CARACTERISTICS
TEST NOTES: (25°±5°C)

Item	Parameter	Condition	Min.	Typ.	Max.	Unit	REMARK
1	Insertion loss	1–100 MHz			–1	dB	
2	Return loss	1–30 MHz	–20			dB	
		30–60 MHz	–15			dB	
		60–80 MHz	–11			dB	
3	Primary Inductance @100KHz, 0.1Vrms, 8mA DC BIAS	(1–2), (3–6)	350			uH	
4	Crosstalk	1–100 MHz	–30			dB	
5	Hipot	Vrms	1.5			kV	



CONNECTOR SCHEMATIC

LTR	DESCRIPTION	DATE	APVD

REVISIONS

THIS DRAWING IS A CONTROLLED DOCUMENT.
DO NOT SCALE DRAWING.

DIMENSIONS: MM

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

THIRD ANGLE PROJECTION

MATERIAL SEE NOTES

FINISH SEE NOTES

DWN A.HUANG DATE JAN–05–2012

CHK M.CHANG JAN–05–2012

APVD W.J.YANG JAN–06–2012

FLYiNG

TRANSFORMER SPECIFICATION
TYPE O

SIZE A3 | CAUGE CODE – | DRAWING NO T–9799–TO

WEIGHT – GRAMS Ref. | REV 1 | SHEET 1