

RoHS Compliant

G3402 SERIES WATERPROOF RJ45 Connector

Customer Drawing

REV	DATE	DESCRIPTION	ECN NO.	NAME
A	18.01.23	PROPOSAL		JIM
A1	18.02.07	MODIFY DRAWING		OCL
A2	18.02.08	MODIFY DRAWING		OCL
A3	18.03.05	Update Design		SKY

Notes:

1.CONNECTOR MATERIAL:

HOUSING:PA66 BLACK UL94 V-0

INSERTER:PBT BLACK UL94 V-0

SHIELD:Brass

SHIELD PLATING:NICKEL

CONTACT:COOPER ALLOY

CONTACT PLATING:SELECTIVE GOLD,30 MICRO-INCHS MIN IN CONTACT AREA

2.PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED SEE ELECTRICAL DRAWING FOR OMITTED PINS

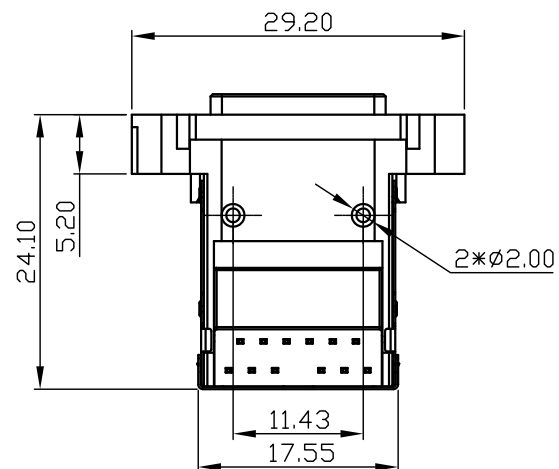
3.RJ45 CAVITIES CONFORM TO FCC RULES AND REGULATION PART 68.

4.THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS PEAK SOLDERING

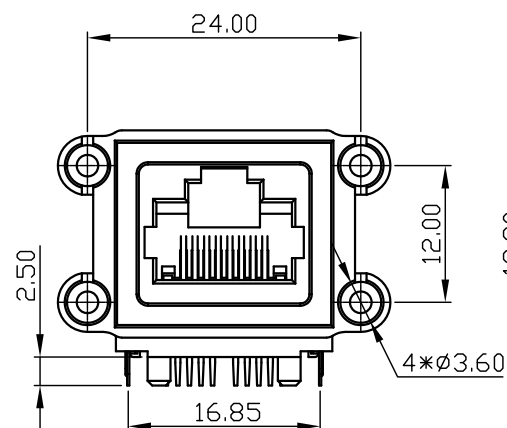
TEMPERATURE IS 260° C MAX,10 SECS MAX

5.OPERATING TEMPERATURE T=-40°C TO +85°C.

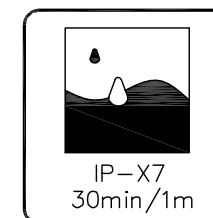
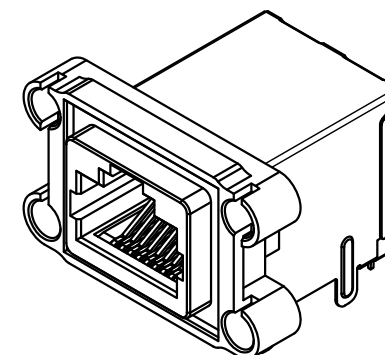
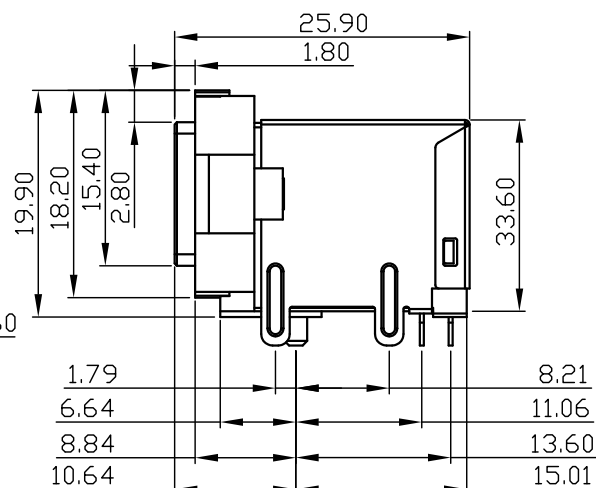
6.STORAGE TEMPERATURE T=-40°C TO +85°C.



A VIEW



A VIEW



GENERAL TOLERANCE		WIESON TECHNOLOGIES CO., LTD		PART NO.: G3402IT007-001	
X.X	=±0.20	DRAWN BY	JIM	DRAWING NO.	G3402IT007-001
X.XX	=±0.15	CHECKED BY	SKY	DRAWING SIZE	1.5:1 A4
X.X°	=±3°	APPROVED BY	JIM	UNIT	mm
		SORTING NO.	(WSC)	PAGE	1 OF 2

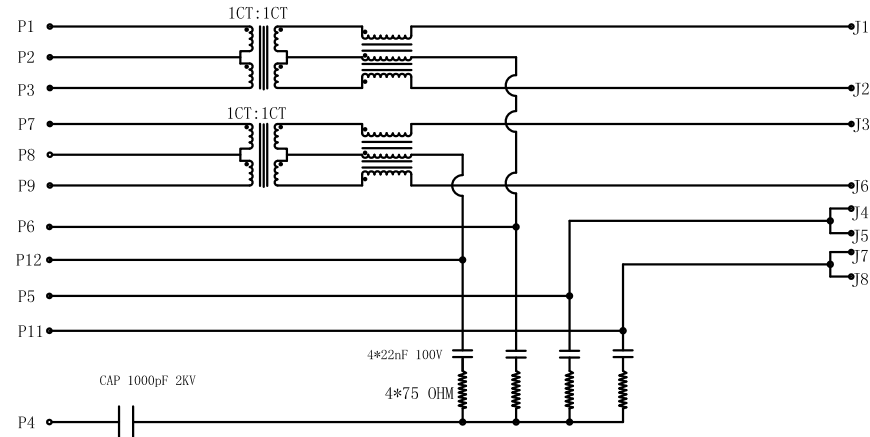
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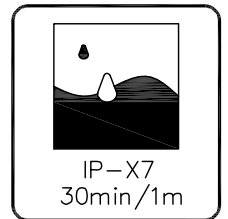
7. Circuit Schematic and Electrical Specifications: 7-1. Circuit Schematic:



7-2. Electrical Specifications:

- 1.0 Turn Ratio @100KHz: (P1~P3):(J1~J2) = 1:1±5%
(P7~P9):(J3~J6) = 1:1±5%
- 2.0 Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- 3.0 DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
- 4.0 Insertion Loss: 1-100MHz -1.2dB MAX
- 5.0 Return Loss: 1-30MHz -16dB MIN
30-60MHz -12dB MIN
60-80MHz -10dB MIN
- 6.0 CROSS TALK: 1-100MHz -30dB MIN
- 7.0 COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- 8.0 Isolation: PHY Side to Line Side: 500VAC
- 9.0 DC CURRENT/VOLTAGE RATING-PSE PINS: 350mA @57V(CONTINUOUS)

RECOMMEND P.C.B LAYOUT
TOLERANCE FOR PCB LAYOUT IS ± 0.05



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		SORTING NO.	(WSC)	PAGE	2 OF 2