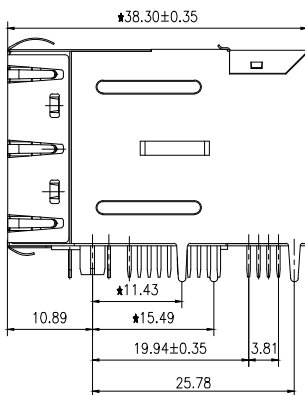
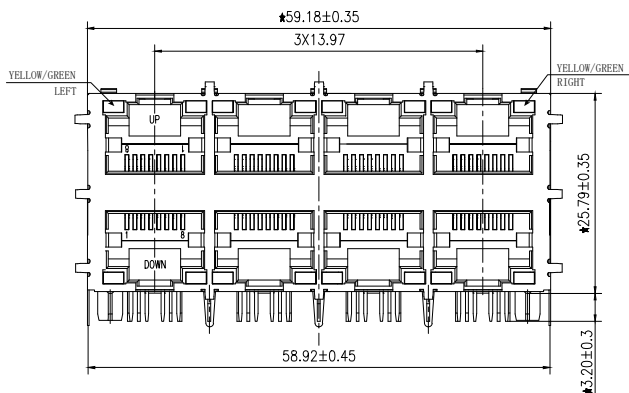


REACH & RoHS
COMPLIANT



DESCRIPTION:

RJ45 With internal Magnetics Connector
Designed to support such applications as: Ethernet Equipment Complex, Switches, Routers, Firewalls, Servers and Hub
Internal magnetics are 100% electrically tested for functionality per IEEE802.3af/at requirement

ELECTRICAL:

RoHS peak wave solder temperature rating 235°C

High performance for maximum EMI suppression

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

INSERTION FORCE: 2 CONTACTS----350g 4 CONTACTS----500g

6 CONTACTS----750g 8 CONTACTS----900g

10 CONTACTS----1050g

MECHANICAL:

RETENTION STRENGTH: 7.7Kgs BETWEEN JACK AND PLUG

DURABILITY: 750 MATING CYCLES Mini

HOUSING: 1) GLASS FILLED PA66 (UL 94V-0)

2) GLASS FILLED PA46/LCP (UL 94V-0)

3) GLASS FILLED PBT (UL 94V-0)

MATERIAL:

SPRING WIRE:

1) 0.2-0.45mm DIA PHOSPHOR BRONZE GOLD PLATING OVER NICKEL

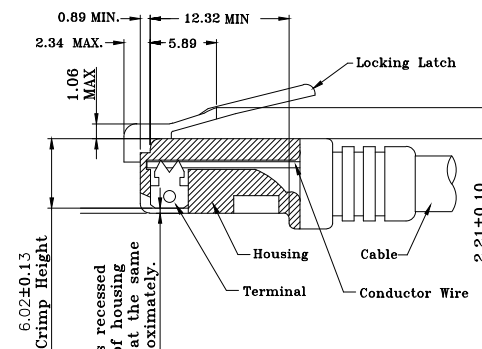
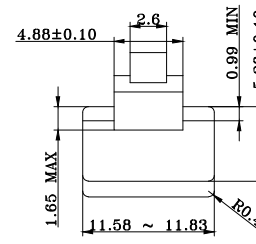
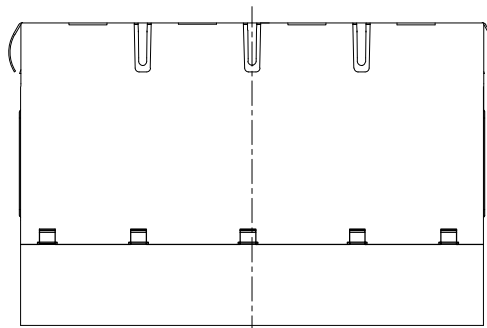
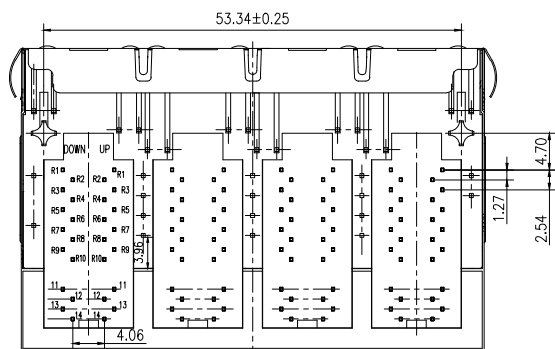
2) 0.2-0.35mm THICKNESS PHOSPHOR BRONZE ALLOY SELECTIVE GOLD

PLATING OVER NICKEL:

GOLD PLATING: 3μ ", 6μ ", 15μ ", 30μ ", 50μ "

WORKING TEMPERATURE: -20°C~70°C

1. Recommend Plug Dim



All contacts recessed below top of housing and must be at the same height approximately.

All dimensions follow :

FCC subpart F, 68.500, Figure (C)(2)(i)

IEC 60603-7

STANDARD MODULAR PLUG ASSEMBLY

NOTES : 1. Tolerance : PCB ± 0.05 mm

Connector ± 0.25 mm

2. Connector dimensions comply with FCC 68.5 dimension requirements

TITLE:

2X4Port 2.5G/5G BASE-T POE+

SIZE

A4

UNITS

MM[INCH]

GENERAL TOLERANCES

UNLESS SPECIFIED

APPROVED BY:

Geoffrey.Song

PART NO.:

WH59SP83614623C12

SCALE

1:1

REV

A0

$x \pm 0.35$

$x \pm 0.30$

$x^\circ \pm 3.0^\circ$

$x^\circ \pm 2.0^\circ$

CHECKED BY:

Elvis.Song

REMARK:

W/SHELL W/LED

SHEET

1/2

$.xx \pm 0.25$

$.xxx \pm 0.10$

$.xx^\circ \pm 1.5^\circ$

$.xxx^\circ \pm 1.0^\circ$

DESIGNED BY:

Sunny.Xu

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