

GREEN LED

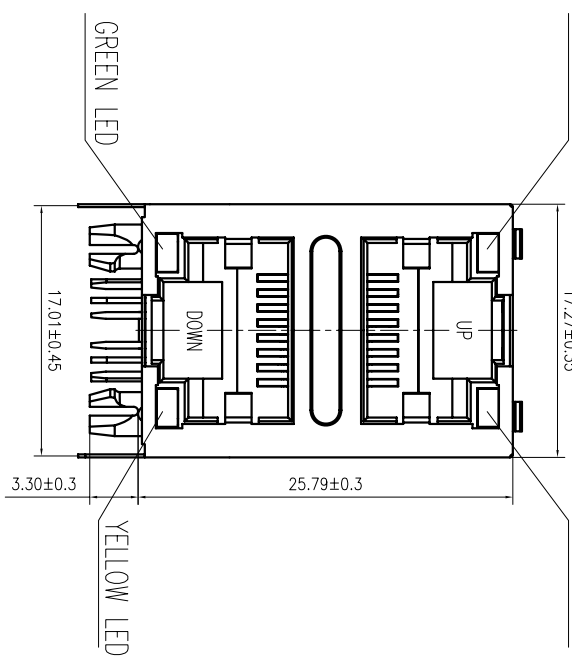
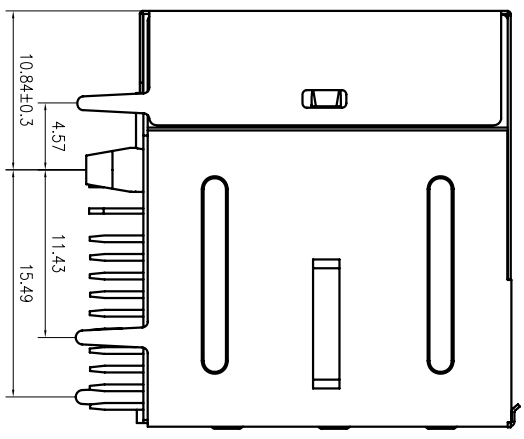
YELLOW LED

LED Specification

Standard LED Color	LED Wavelength	Forward (V MAX)	Typical (V TYP)	Luminous Intensity
Green	560-580 nm	2.5V	2.1-2.2V	9-25 MCD
Yellow	580-610 nm	2.5V	2.1-2.2V	9-30 MCD
Orange	580-610 nm	2.5V	2.1-2.2V	50-100 MCD

1. LED intensity/wavelength measured with Photo Research PR-650 Colorimeter
2. With a forward current of 20 mA, Absolute Maximum Ratings (Ta=25°C)

1. TOLERANCES UNLESS OTHERWISE SPECIFIED :
0~10±0.15, 10~20±0.2, 20~40±0.25,
40~70±0.3, ≥70±0.4
2. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.



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Designed	杨国	MATERIAL	DESCRIPTION	REV.
Checked	吴礼刚	SCALE	B59(57-02)F4-03-1212-C12(2X1 G-Y LED)	V1.0
Approved	祝咏虹	UNIT		
		mm		
		MODEL NO.		

DESCRIPTION

RJ45 With internal Magnetics Connector

Designde to support such applications as:Ethernet Equipment Complex,Switches,Routers,Firewalls,Servers and Hub Internal magnetics are 100% electrically tested for functionality per IEEE802.3 requirement

ELECTRICAL:

RoHS peak wave solder temperature rating 235tc
High performance for maximum EMI suppression
350uH minimum OCL with 8mA bias current
PoE rating:15W,350mA,48V (For PoE Products only)

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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:

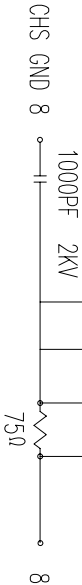
SPRING WIRE: 1) 0.2~0.45mm DIA PHOSPHOR BRONZE GOLD PLATING OVER NICKEL
2) 0.2~0.35mm THICKNESS PHOSPHOR BRONZE ALLOY SELECTIVE GOLD PLATING OVER NICKEL

SHIELDING: 0.12~0.24mm THICKNESS COPPER ALLOY WITH TIN PLATED

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

WORKING TEMPERATURE: -20tc~70tc

TOLERANCES UNLESS OTHERWISE SPECIED : 0~10±0.15, 10~20±0.2, 20~40±0.25, 40~70±0.3, >70±0.4



ELECTRICAL SPECIFICATIONS AT 25°C

Insertion Loss db max	Return Loss db min			Crosstalk(db TYP)			Common Mode Rejection (dB TYP)		Hipot(vrms)
1~100MHz	1~30MHz	30~ 60MHz	60~ 100MHz	1~30MHz	30~ 60MHz	60~ 100MHz	1~50MHz	50~150MHz	
-1.0	-18	-16	-12	-40	-35	-30	-30	-20	1500/0.5mA

"B" with the company code
Series of products: 60:Double deck RJ45 connector + transformer series(In shielding footprint); 50:Double deck RJ45 connector + transformer series(In vertical footprint);50: Single RJ45 + transformer series;52/53/55/56 LED/65/79: Ordinary RJ45 series;10K: that strip line series; 40: Conversion said Connectivity 80: Series that UK; 91: Automotive connector public Block;92: Automotive connector mother Block;95: DINI series; 96: DINI mother Block; 99: SMT series; 99: BIS for satellites
Type of product code: G: Gigabit RJ45 transformer; F: 10Base RJ45 transformer; K: for no transformer RJ45 products; M: Series for board-mounted code
Family code (sequence id): 1~99
Number of magnetic ring
The No. of circuit

Product definition LOGO: 1 - Press B - TOP
"2-No B - TOP"; 3-Other companies LOGO
Product definition plastic materials: 1-PA66,2-PA6, 3-PA, 4-PA6, 5-PPBT, 6-ABS, 7-PA6T, 8-PC
Pin definition of the product:F-Pin after; B-Pin back; C- No definition of the product
Electroplating product definition:gold-plated terminals(depress after nickel plated) 1~F " " 2~3" " 3~6" " 4~15" " 5~30" " 6~50" " 7~40~50" " 8~80~120" " J;
Product shielding definition: 0 - no shielding shell; 1 - without shielding shell strapnet; 2 - shielding a steel strapnet; 3 - a half-steel shield
Products luminous definition: 0 - No LED; 1 -Left Yellow Right Green; 2 -Left Green Right Yellow; 3 - Double Green; 4 - Double Yellow; 5 - LED straight for the pin; 6 - A special definition; - Single
Inner LEDs
Products out part: 1~20" 2~20" 4~24" 5~25" 6~26" 8~28" 9~28" 10~31" 11~32" 12~34" 13~36" 14~38" 15~40" 16~42" 17~44" 18~46" 19~48" 20~50" 21~52" 22~54" 23~56" 24~58" 25~60" 26~62" 27~64" 28~66" 29~68" 30~70" 31~72" 32~74" 33~76" 34~78" 35~80" 36~82" 37~84" 38~86" 39~88" 40~90" 41~92" 42~94" 43~96" 44~98" 45~100" 46~102" 47~104" 48~106" 49~108" 50~110" 51~112" 52~114" 53~116" 54~118" 55~120" 56~122" 57~124" 58~126" 59~128" 60~130" 61~132" 62~134" 63~136" 64~138" 65~140" 66~142" 67~144" 68~146" 69~148" 70~150" 71~152" 72~154" 73~156" 74~158" 75~160" 76~162" 77~164" 78~166" 79~168" 80~170" 81~172" 82~174" 83~176" 84~178" 85~180" 86~182" 87~184" 88~186" 89~188" 90~190" 91~192" 92~194" 93~196" 94~198" 95~200" 96~202" 97~204" 98~206" 99~208" 100~210" 101~212" 102~214" 103~216" 104~218" 105~220" 106~222" 107~224" 108~226" 109~228" 110~230" 111~232" 112~234" 113~236" 114~238" 115~240" 116~242" 117~244" 118~246" 119~248" 120~250" 121~252" 122~254" 123~256" 124~258" 125~260" 126~262" 127~264" 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