

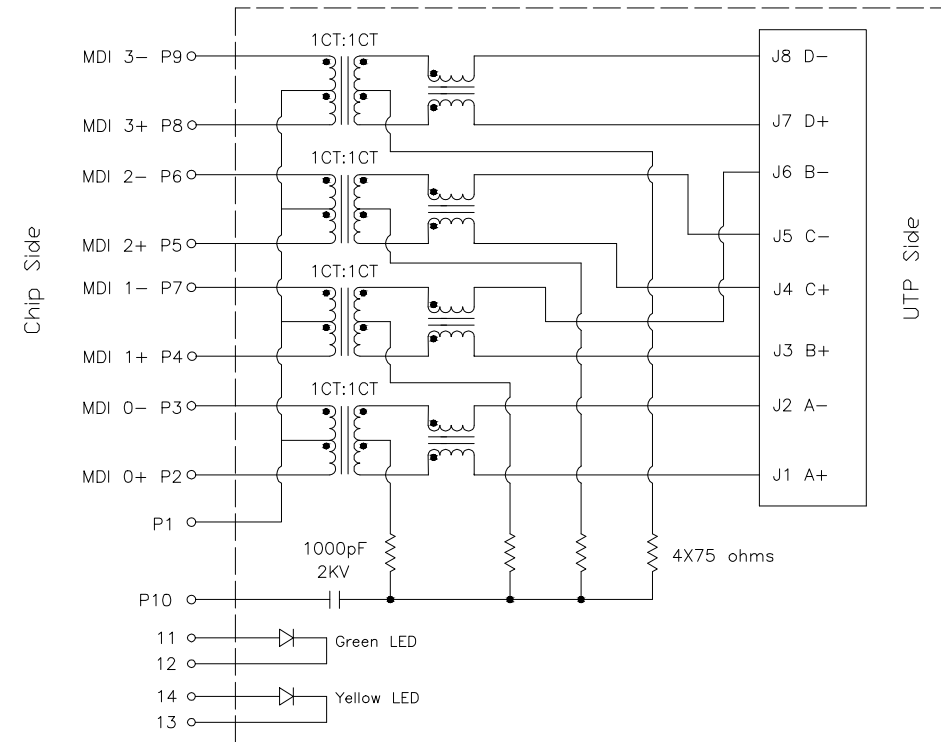
NO.	ECN NO.	DESCRIPTION	REV.	DRAW	DATE
1		新版发行	A0	廖振纲	20200728
2					

Single Port RJ45 Connector
With Integrated Magnetics and LED
100/1000Base-T Magnetics
Part Number:
GR04M1HXS005

Electrical Specification @25℃

Isolation: 1500Vrms (UTP Side to Chip Side)
OCL: 350uH Minimum @100KHz 100mV with 8mADC
Insertion Loss: -1.0dB Maximum @100KHz ~ 60MHz
Insertion Loss: -1.1dB Maximum @60MHz ~ 100MHz
Return Loss: -18dB Minimum @0.3MHz ~ 30MHz
 -14dB Minimum @40MHz ~ 60MHz
 -12dB Minimum @80MHz ~ 100MHz
Common Mode Rejection: -40dB Minimum @1MHz ~ 60MHz
 -35dB Minimum @60MHz ~ 100MHz
Crosstalk: -35dB Minimum @1MHz ~ 10MHz
 -26dB Minimum @15MHz ~ 60MHz
 -24dB Minimum @60MHz ~ 100MHz

Schematics



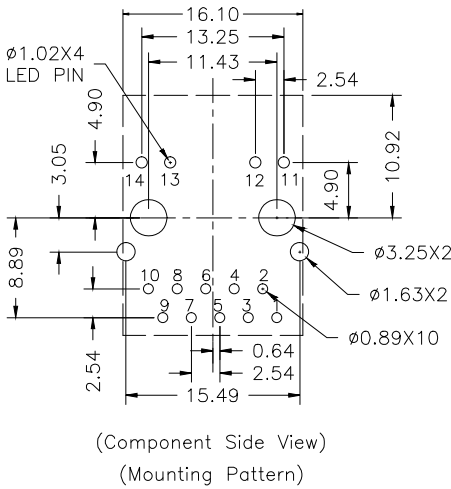
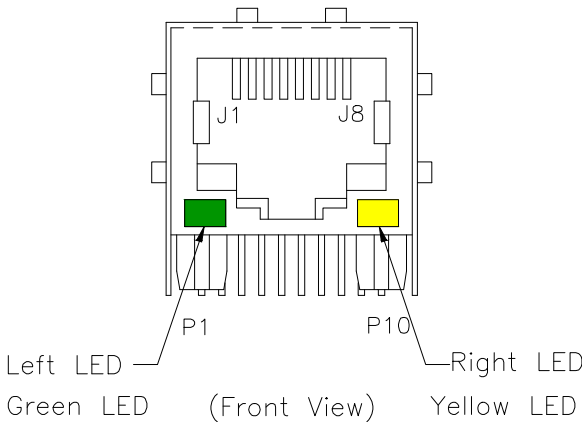
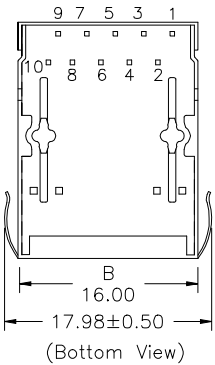
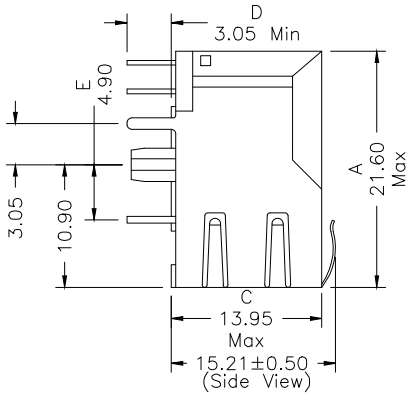
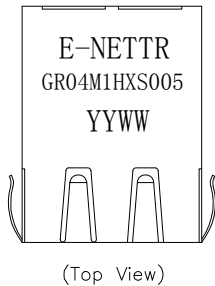
未注公差 TOLERANCE UNLESS OTHERWISE SPECIFIED				E-NETTR 东莞市祥星电子有限公司 DONGGUANG XIANGXING ELECTRONICS CO., LTD Miss yang:13694998066 Mr Li:15013501940 TEL:0769-86384669 FAX:0769-81813600 Http://www.e-nettr.com xxing_guang@163.com			
比例 SCALE		角法 PROJ.		设计 DESIGN		品号 ITEM NO.	
张数 SHEET	1/2	纸张 SIZE	A4	校对 CHECK		品名 TITLE	GR04M1HXS005
单位 UNIT	mm	版本 REV.	A0	核准 APPROVAL		规格 DESC.	

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Single Port RJ45 Connector
With Integrated Magnetics
Part Number:
GR04M1HXS005 (Shield Type:c)

- *Meets or Exceeds IEEE802.3 standards including 350uH Min OCL with 8mA DC
- *High performance for EMI suppression Crosstalk Return Loss and Consistent Electrical
- *Minimum 1500Vrms isolation per IEEE802.3 requirement
- *Minimize PCB space and Simplify PCB Layout
- *Less magnetic components to be placed on PCB higher reliability and yields

Mechanical Dimensions:



Standard LED	Wavelength	Forward V (Min/Max)	Forward A	Type
Green	568nm	1.8v/2.8v	20mA	squareness
Yellow	585nm	1.8v/2.8v	20mA	squareness



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比例 SCALE		角法 PROJ.		设计 DESIGN		品号 ITEM NO.	
张数 SHEET	2/2	纸张 SIZE	A4	校对 CHECK		品名 TITLE	GR04M1HXS005
单位 UNIT	mm	版本 REV.	A0	核准 APPROVAL		规格 DESC.	