

## LAN PRODUCTS

### RJ45 CONNECTOR WITH INTEGRATED MAGNETICS

- Meet IEEE 802.3 and IEEE 802.3ab Requirement
- 1500 Vrms Minimum Isolation
- 350 uH Minimum OCL with 8 mA bias current
- High performance for maximum EMI suppression

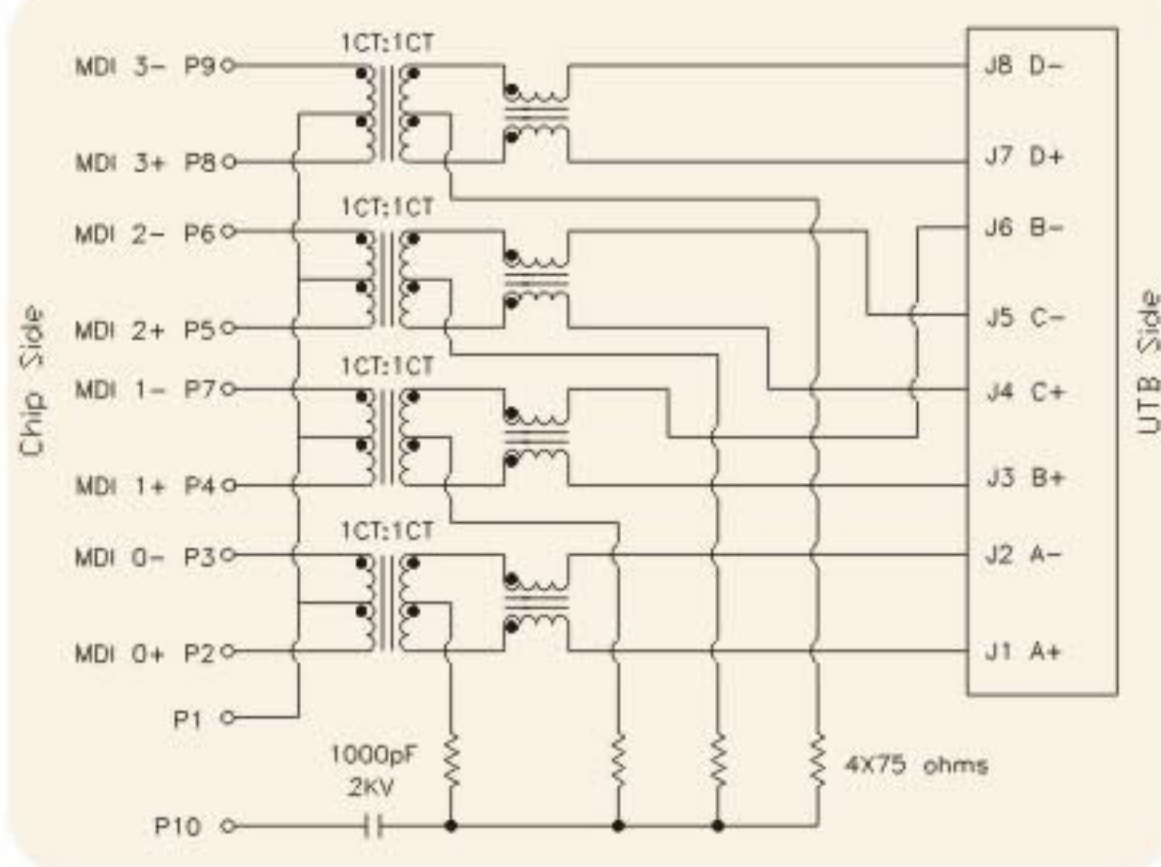


### SINGLE PORT CONNECTORS SPECIFICATIONS

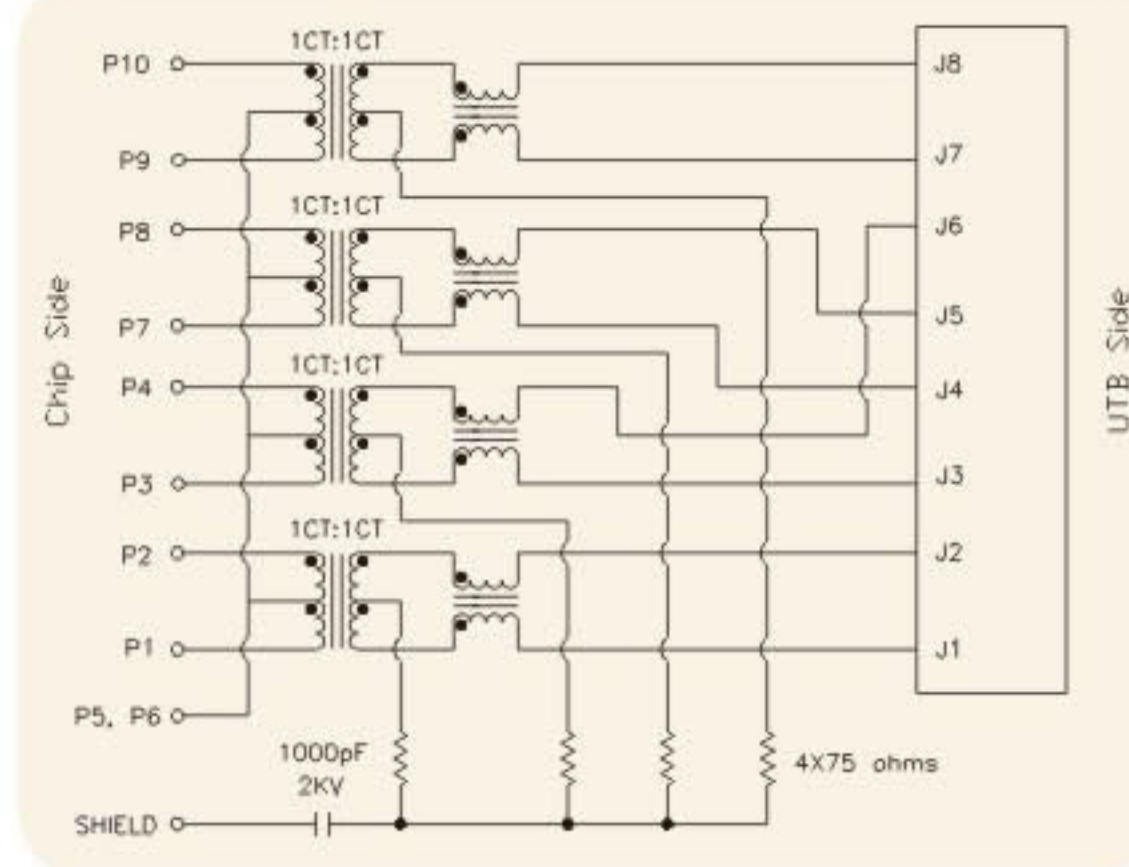
Gigabit(10/100/1000Base-T)						10/100Base-TX					
Part Number	Turns Ratios	LED (L/R)	EMI Fingers	Sch.	Package	Part Number	Turns Ratios TX RX	LED (L/R)	EMI Fingers	Sch.	Package
HR901130A	1CT:1CT	No	No	1	A(10Pin)	HR901101A	1CT:1CT 1CT:1CT	No	No	4	A(8Pin)
HR901131A	1CT:1CT	No	No	2	A(10Pin)	HR901102A	1:1CT 1CT:1CT	No	No	5	A(8Pin)
HR911130C	1CT:1CT	G/Y	YES	1	C(10Pin)	HR901110A	1CT:1CT 1CT:1CT	No	No	3	A(8Pin)
HR901131C	1CT:1CT	No	YES	2	C(10Pin)	HR901103C	1:1CT 1CT:1CT	No	YES	6	C(8Pin)
10Base-T						HR911103C	1:1CT 1CT:1CT	G/Y	YES	6	C(8Pin)
Part Number	Turns Ratios TX RX	LED (L/R)	EMI Fingers	Sch.	Package	HR911105A	1CT:1CT 1CT:1CT	G/Y	No	9	A(8Pin)
HR901170A	1CT:1CT 1CT:1CT	No	No	8	A(8Pin)	HR911102A	1:1CT 1CT:1CT	G/Y	No	5	A(8Pin)
HR901175A	2.5:1CT 1:1CT	No	No	7	A(8Pin)	HR911110C	1CT:1CT 1CT:1CT	G/Y	YES	3	C(8Pin)

### Schematic

TYPE 1



TYPE 2



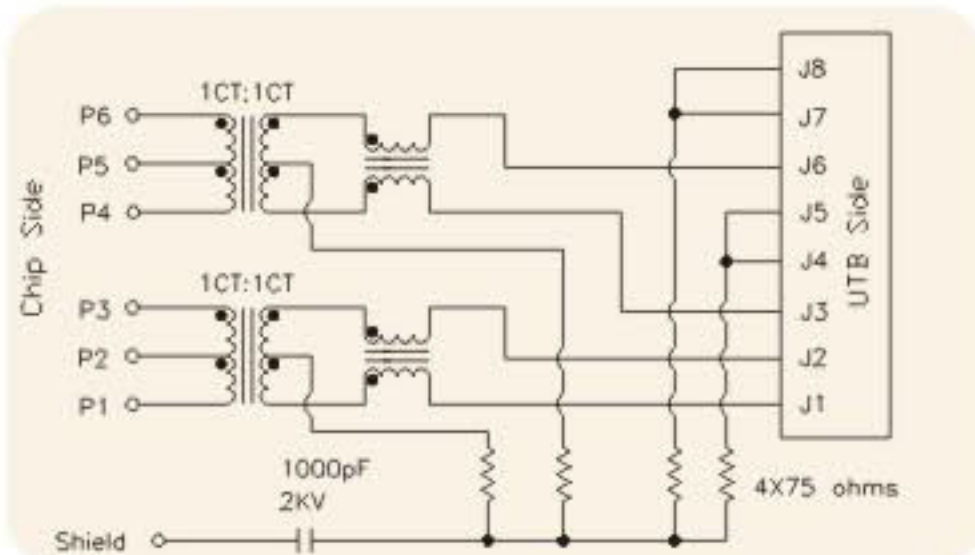


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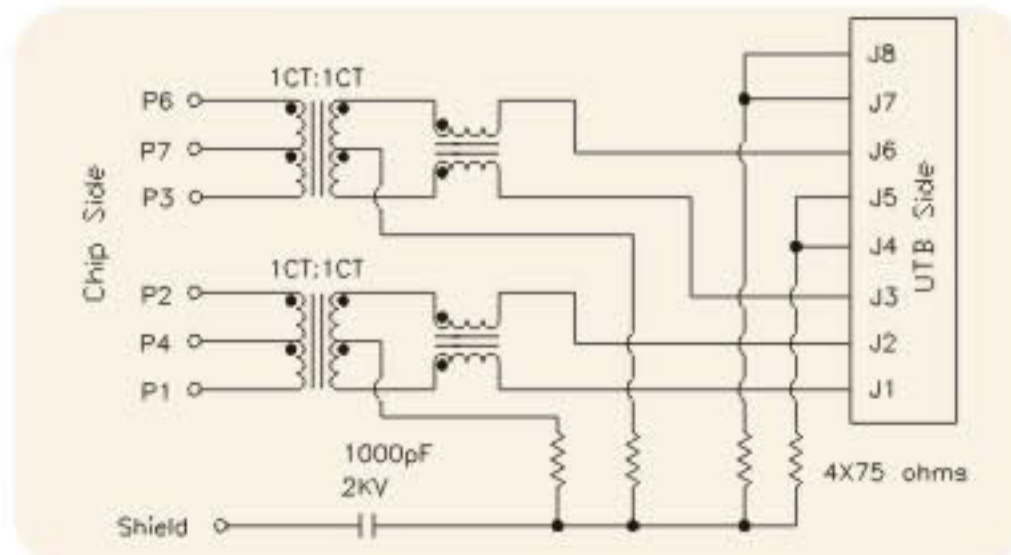
## RJ45 CONNECTOR WITH INTEGRATED MAGNETICS

### Schematic

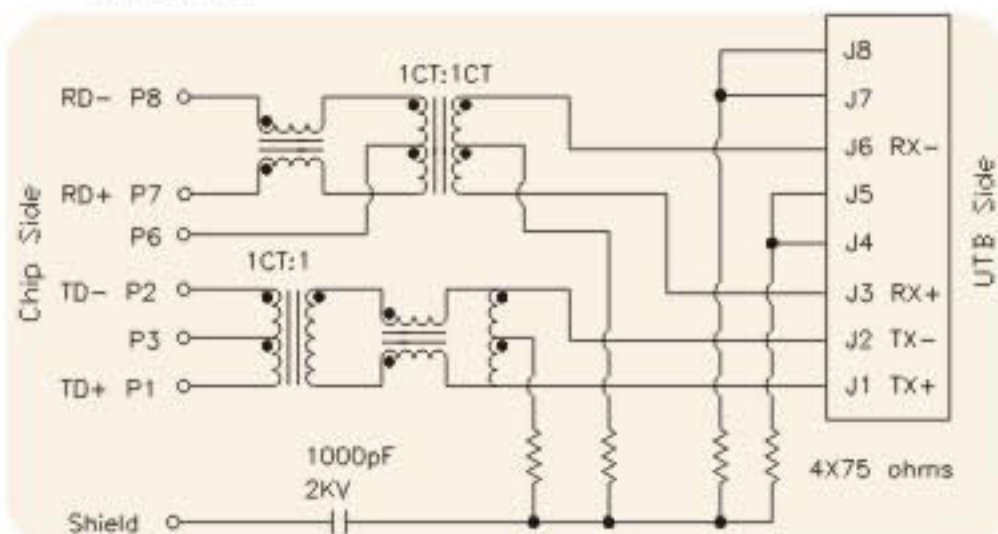
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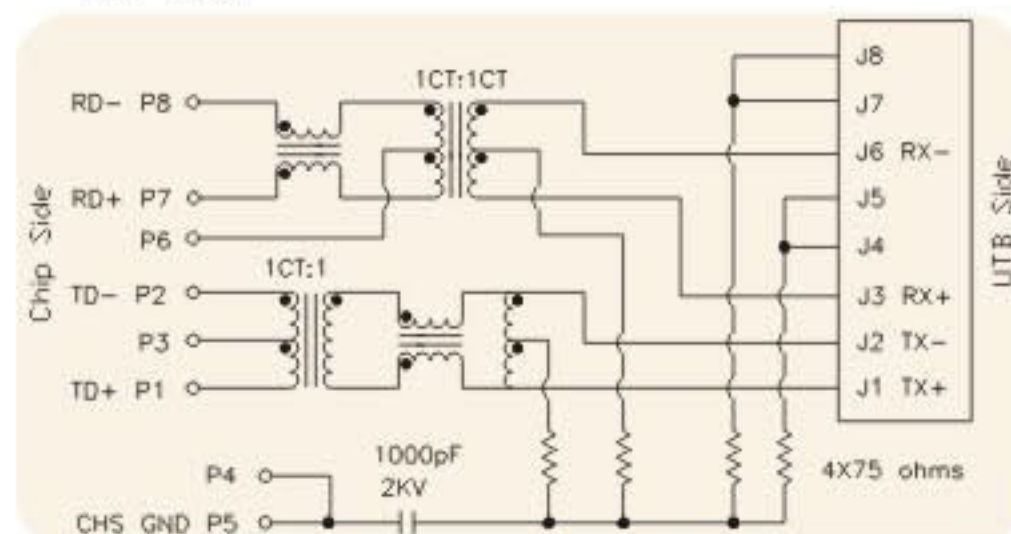
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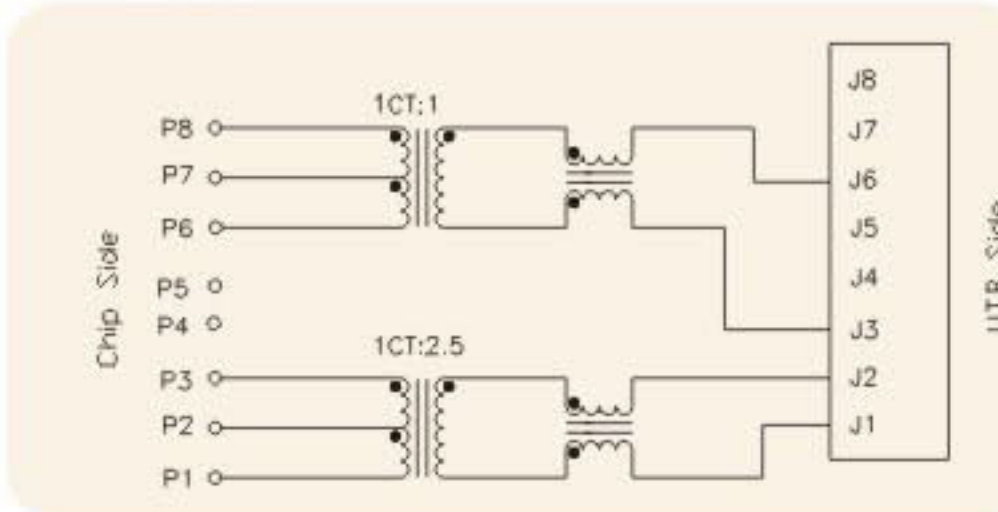
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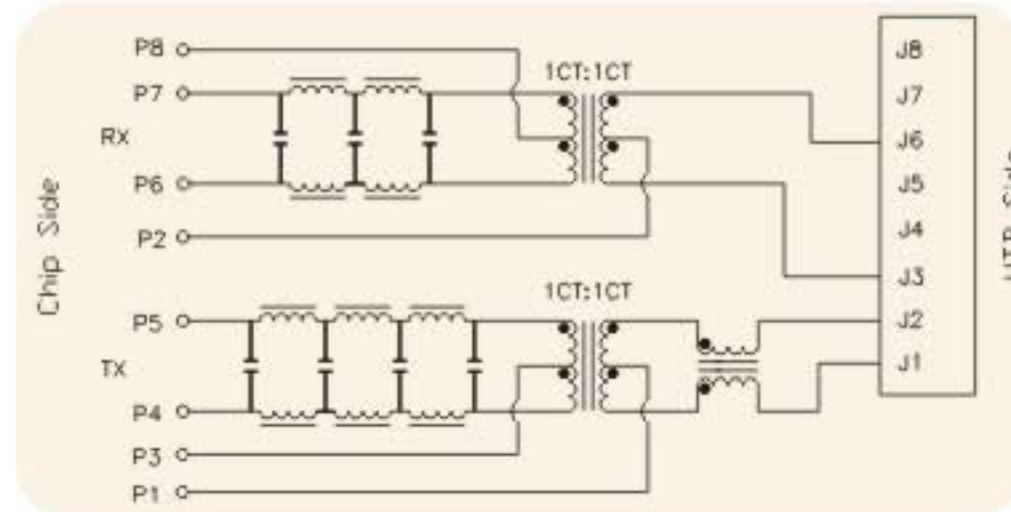
**TYPE 6**



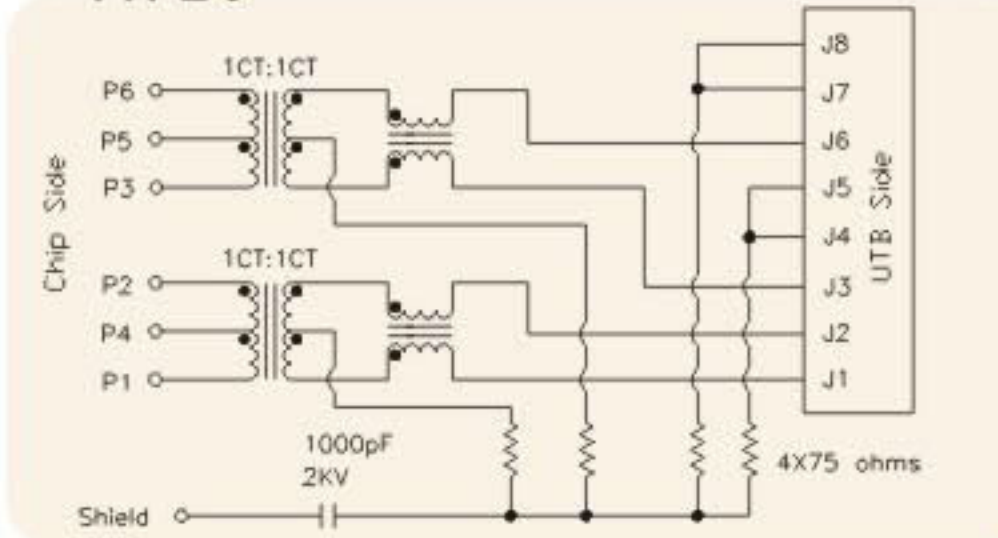
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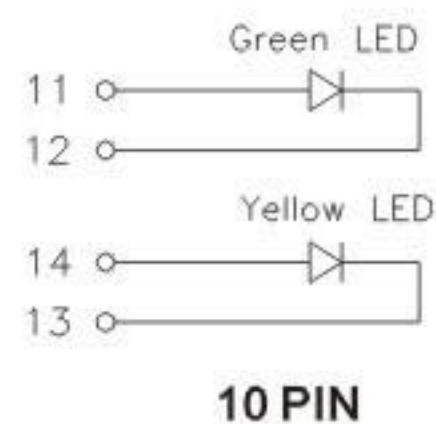
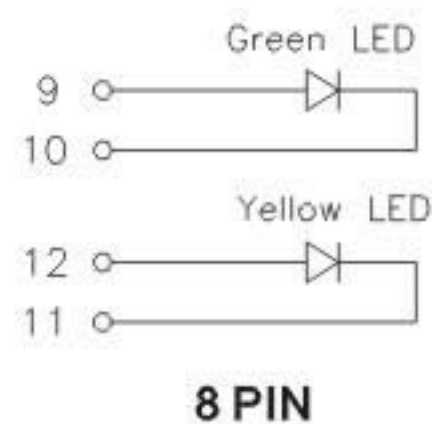
**TYPE 8**



**TYPE 9**



### LED Configuration



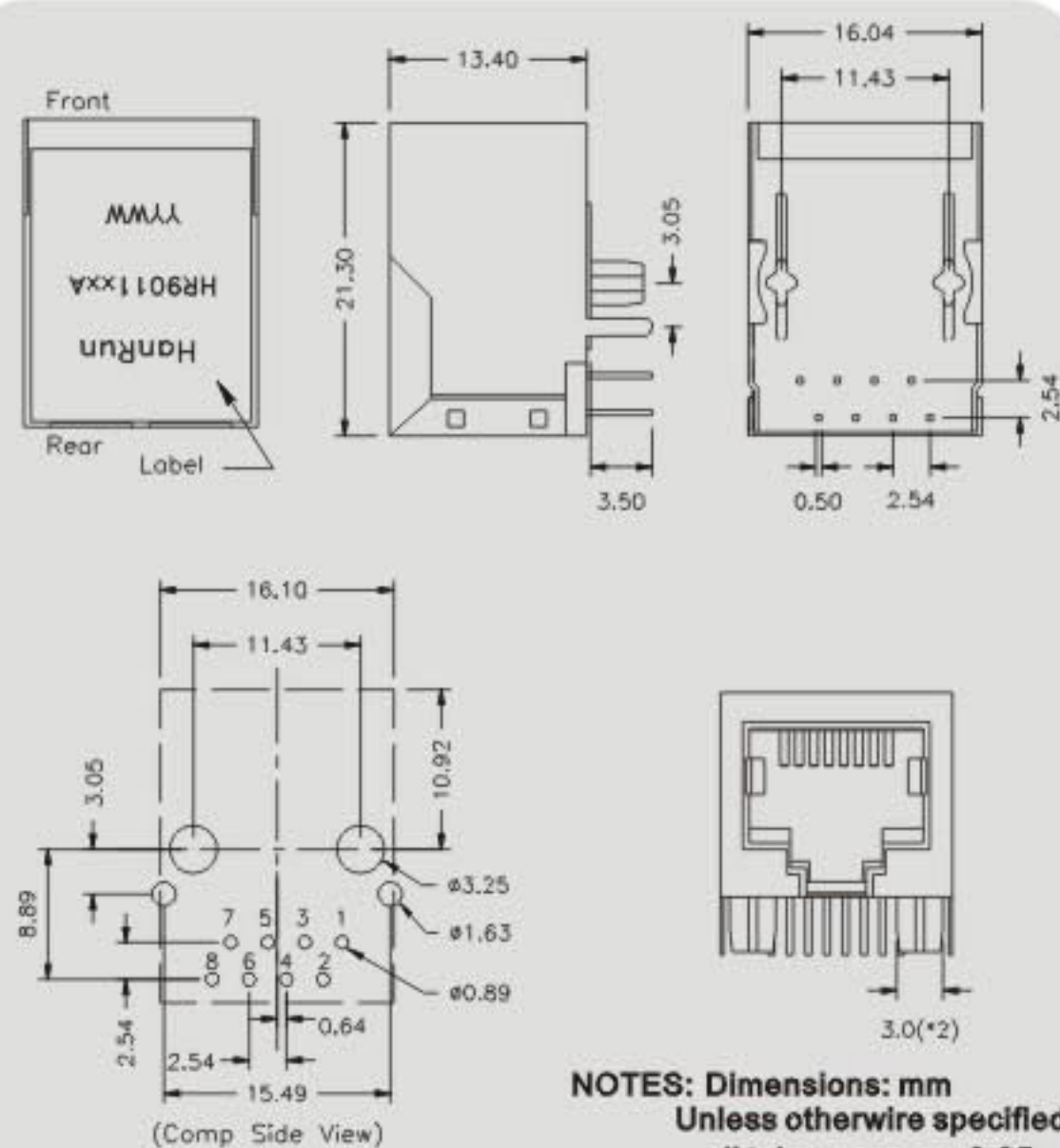


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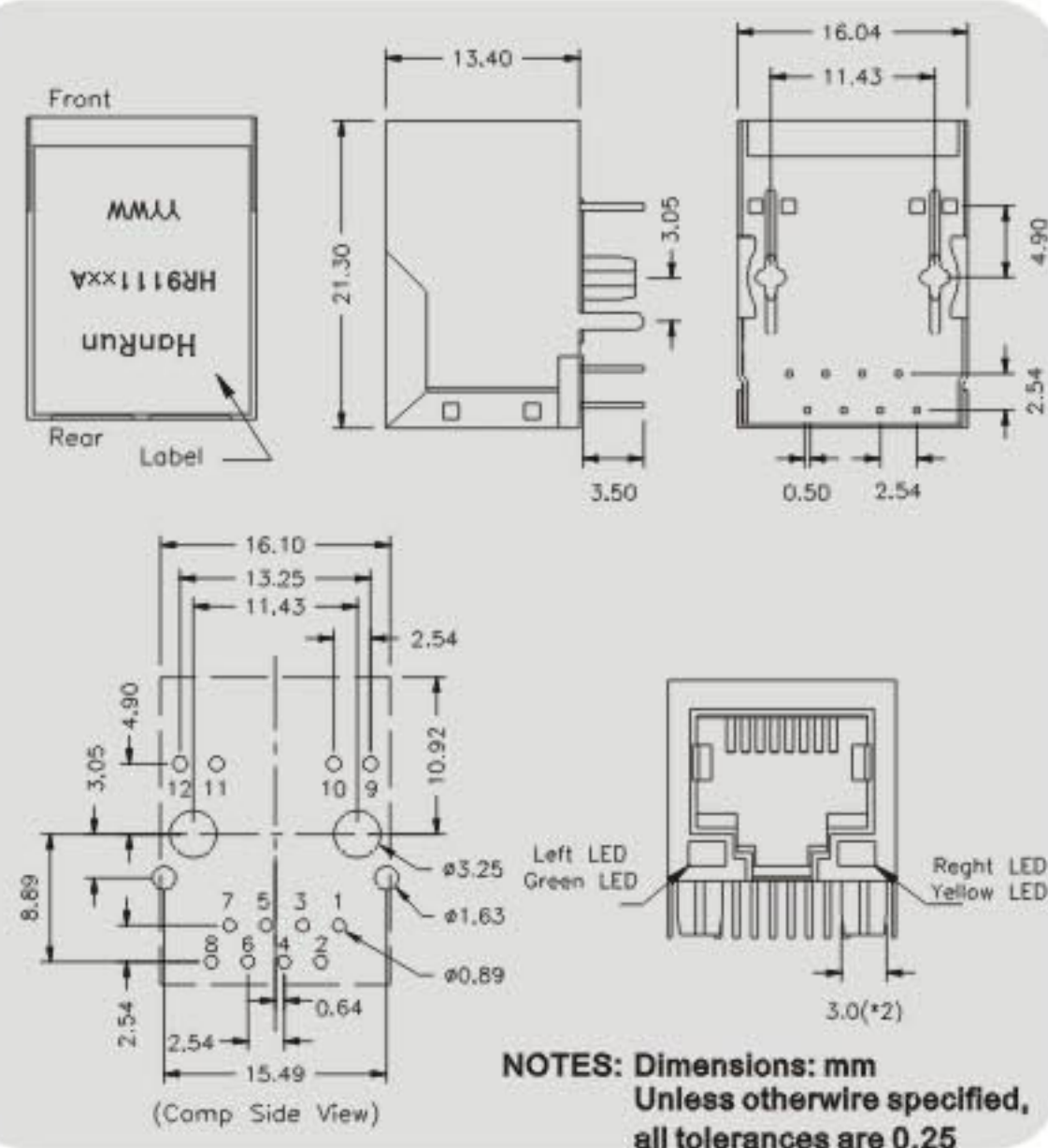
### RJ45 CONNECTOR WITH INTEGRATED MAGNETICS

#### Mechanical (8Pin)

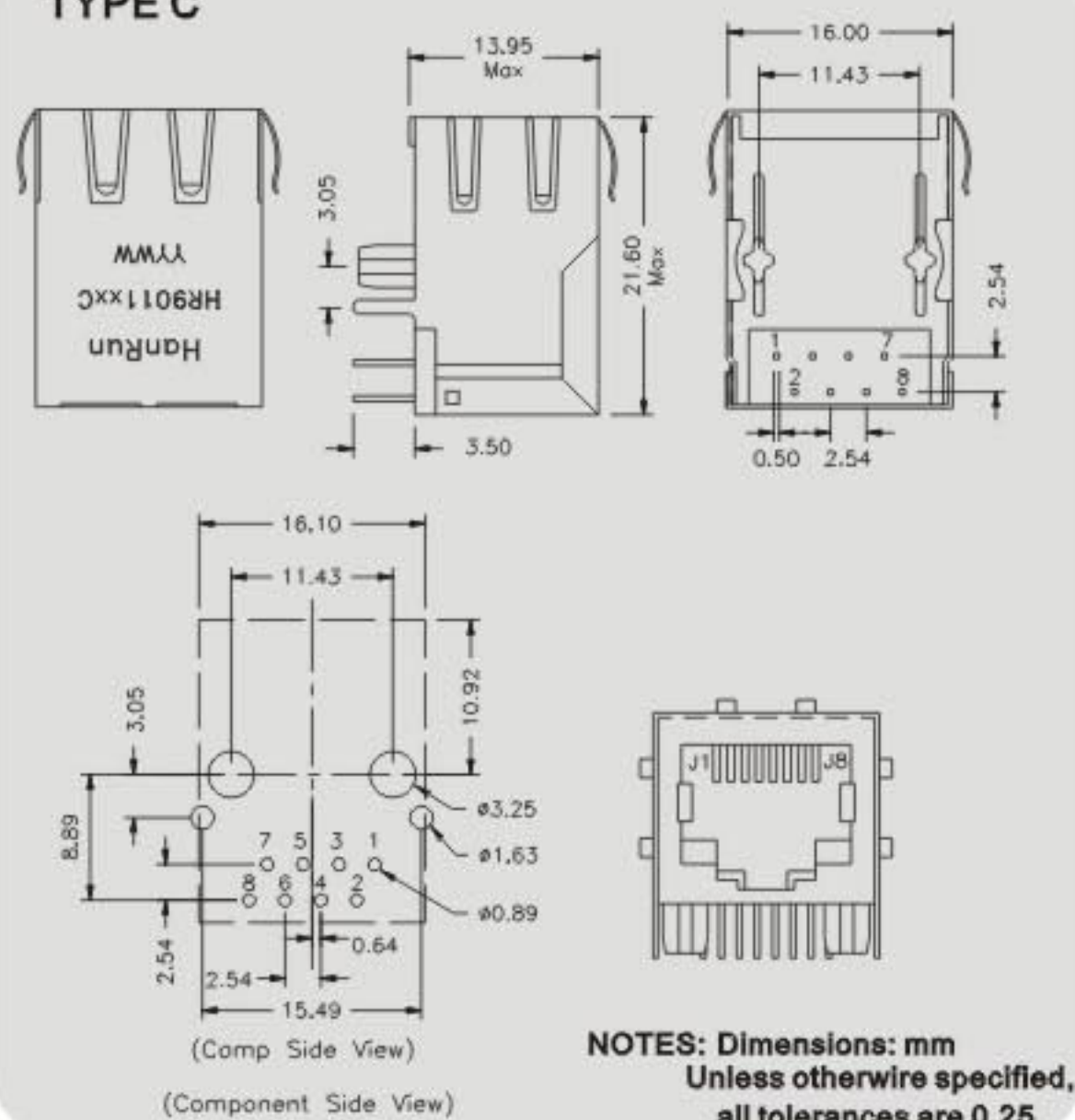
##### TYPE A



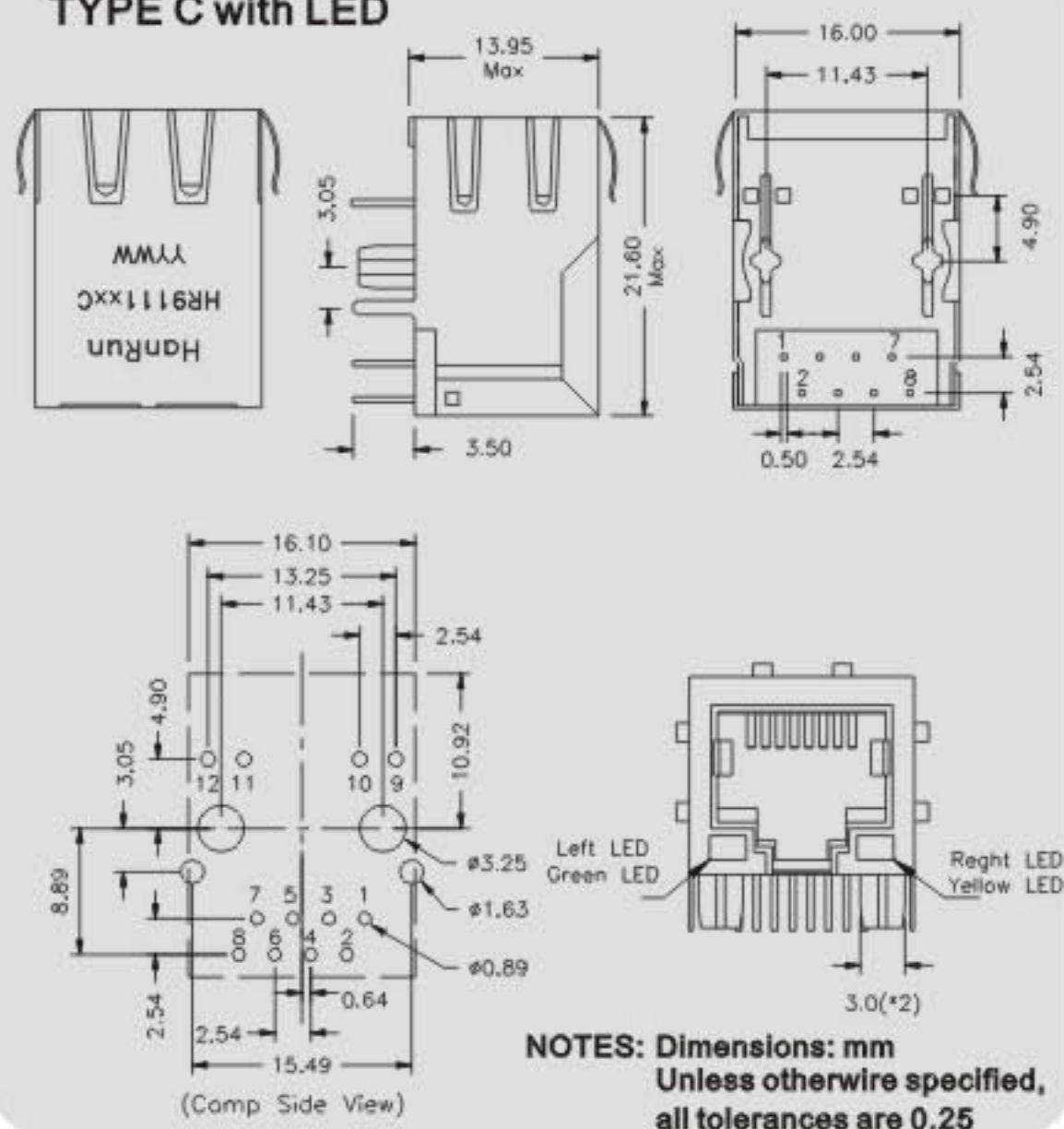
##### TYPE A with LED



##### TYPE C



##### TYPE C with LED



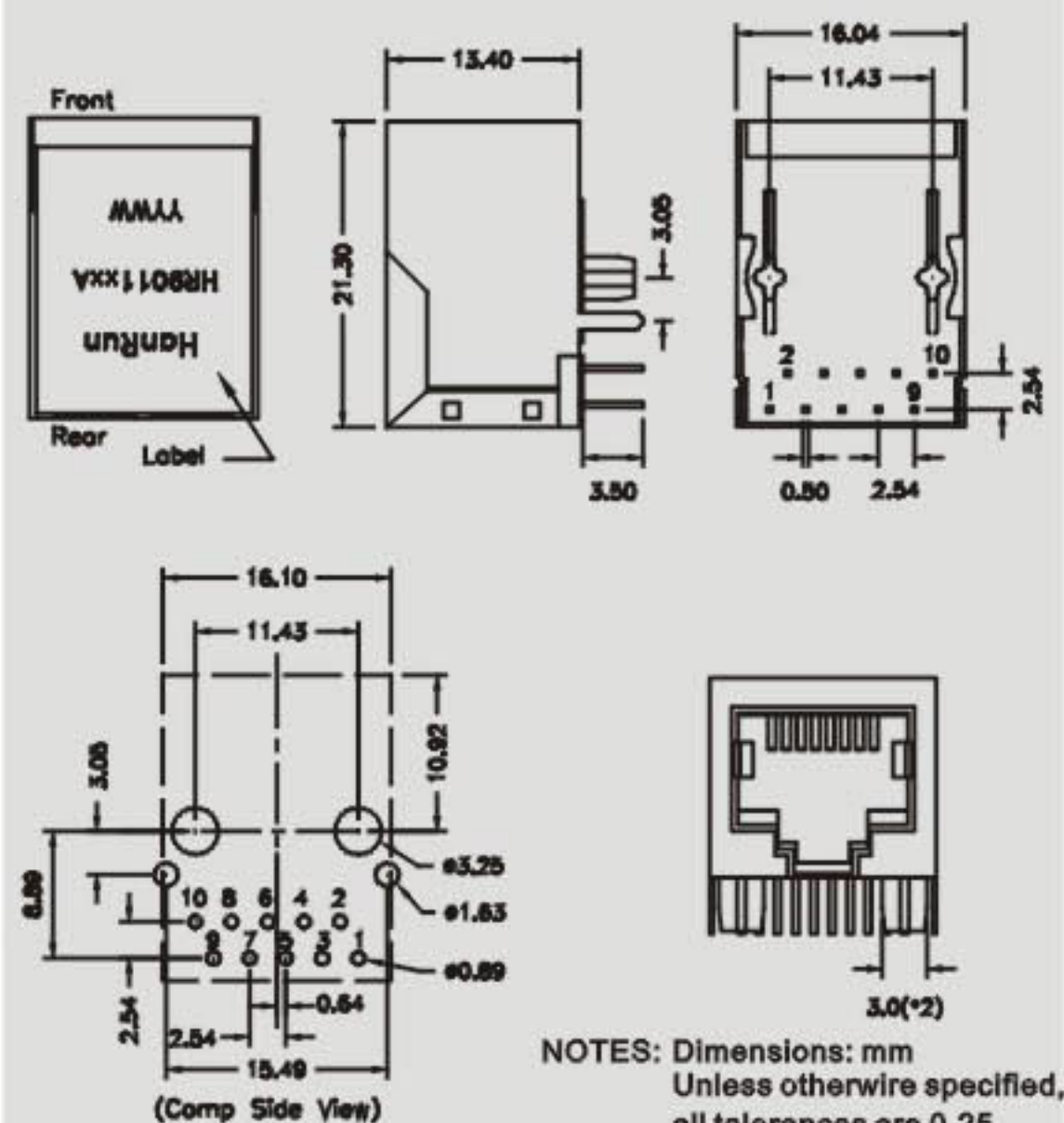


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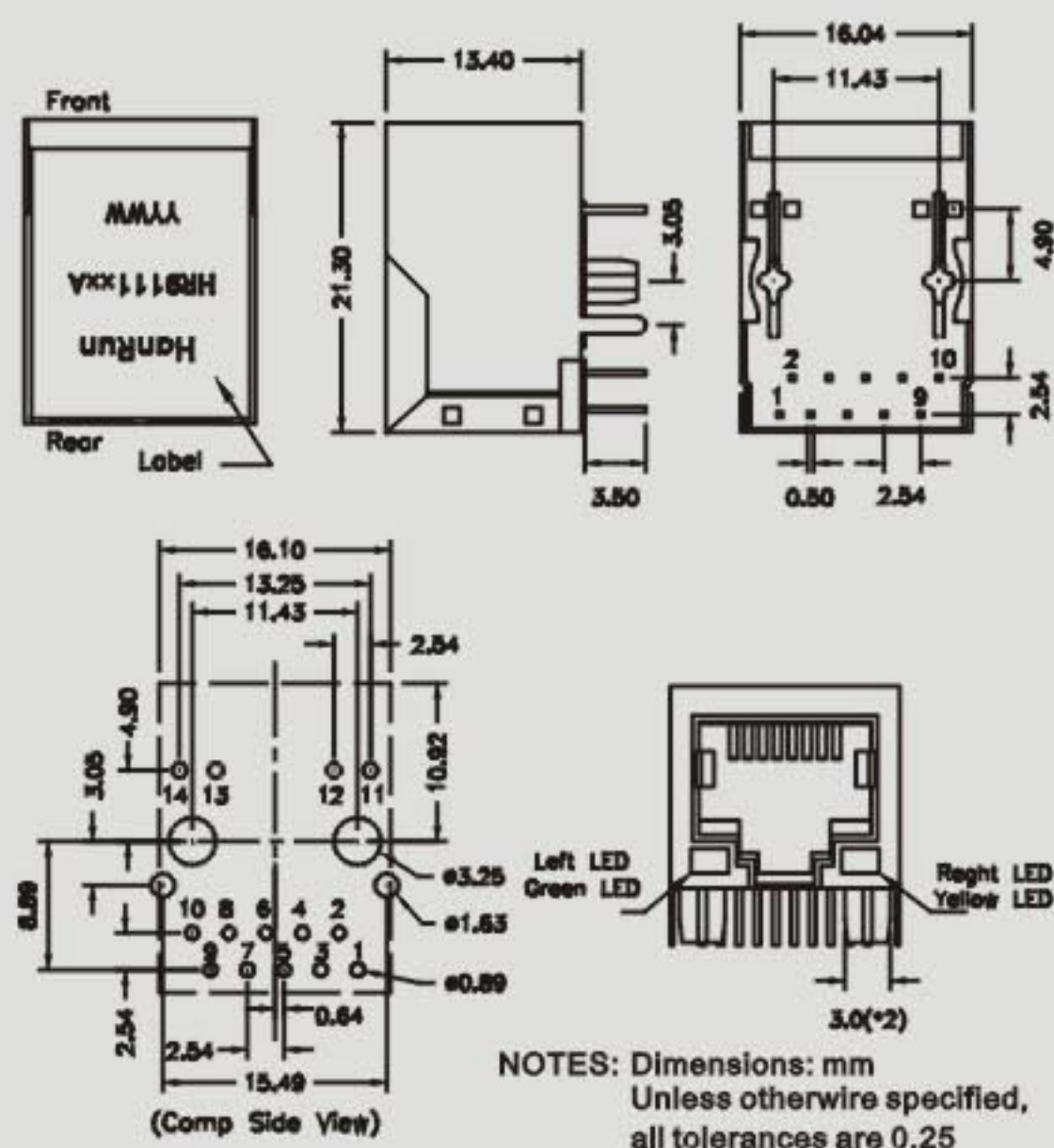
### RJ45 CONNECTOR WITH INTEGRATED MAGNETICS

Mechanical (10Pin)

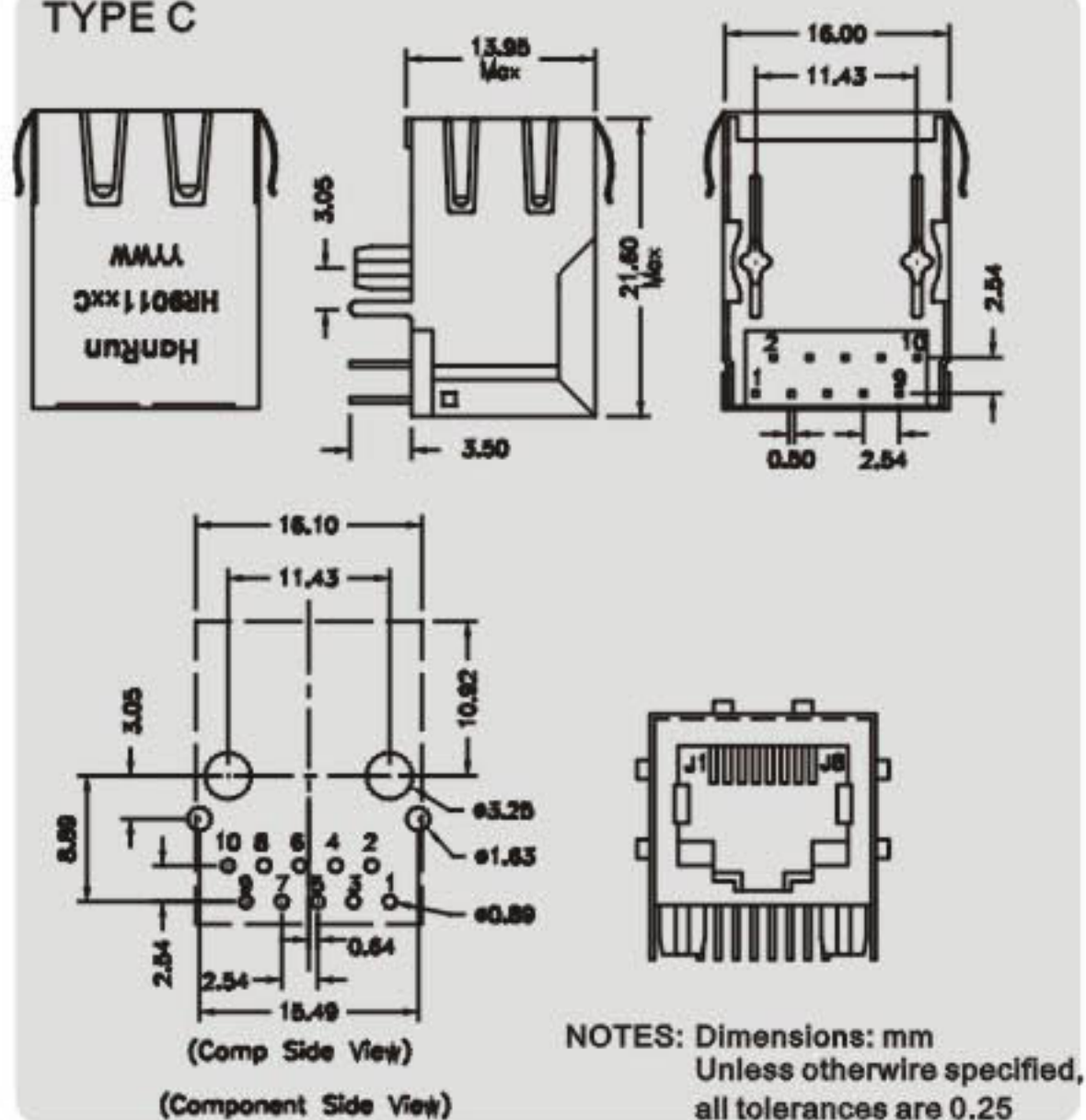
#### TYPE A



#### TYPE A with LED



#### TYPE C



#### TYPE C with LED

