

### General specifications

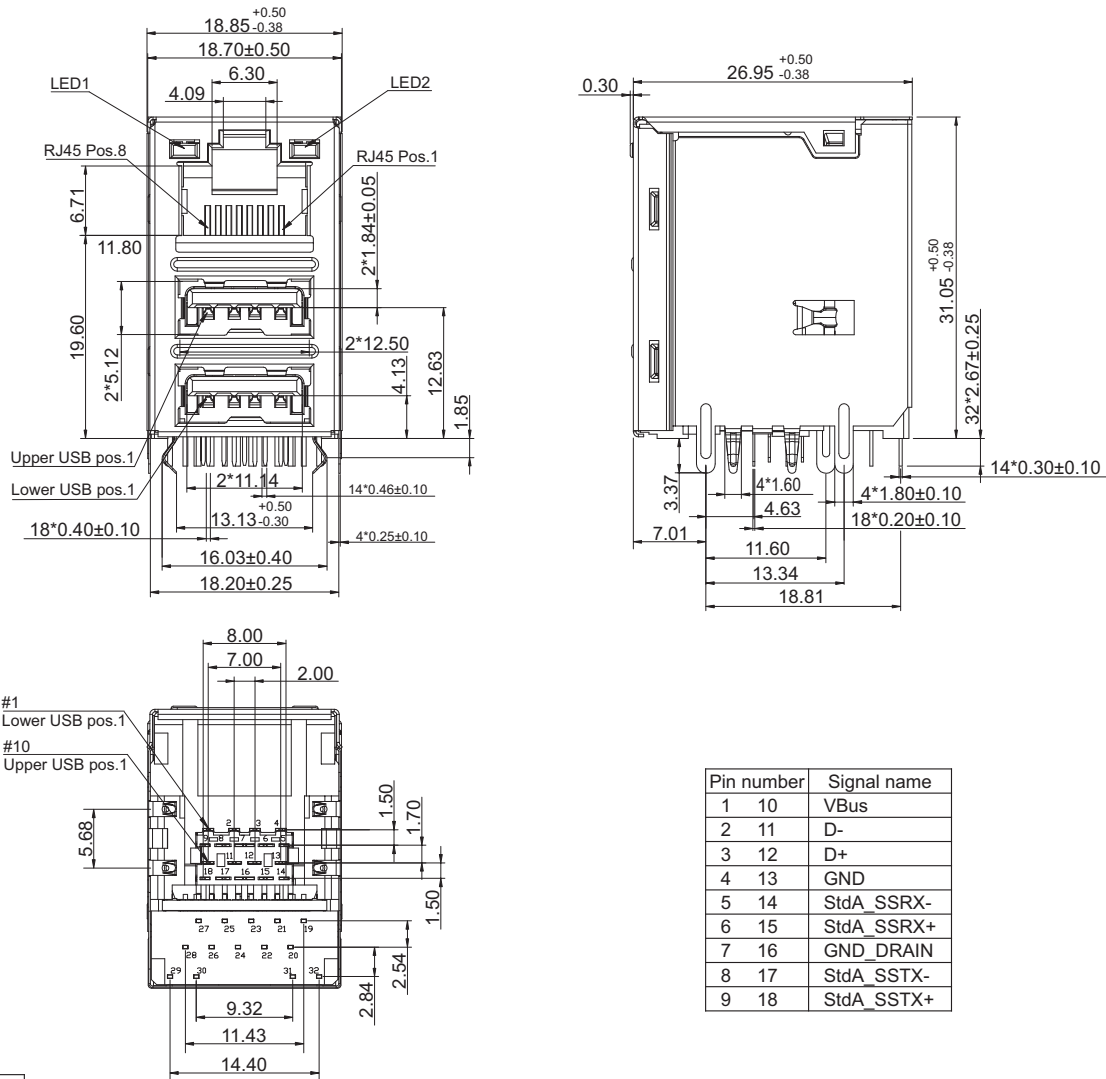
Insulator material	Thermoplastic, UL94V-0
Contact material	Phosphor bronze
Current rating (USB)	1 A
Voltage rating (RJ45)	150 VAC
Contact resistance (USB)	30 mΩ max
Insulator resistance (RJ45/USB)	500 / 1000 MΩ min.
Dielectrical withstanding	500 VAC for 1 min
Durability (RJ45/USB)	750 / 1500 cycles
Operation temperature	-30 °C to +85 °C
Soldering	Lead free wave soldering process

### Mating parts series



### Mechanical dimensions

Unit: mm



Pin number	Signal name
1 10	VBus
2 11	D-
3 12	D+
4 13	GND
5 14	StdA_SSRX-
6 15	StdA_SSRX+
7 16	GND_DRAIN
8 17	StdA_SSTX-
9 18	StdA_SSTX+

Tolerances	
Linear	.XX ± 0.25
	.XXX ± 0.10

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### Part numbering guide

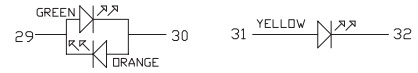
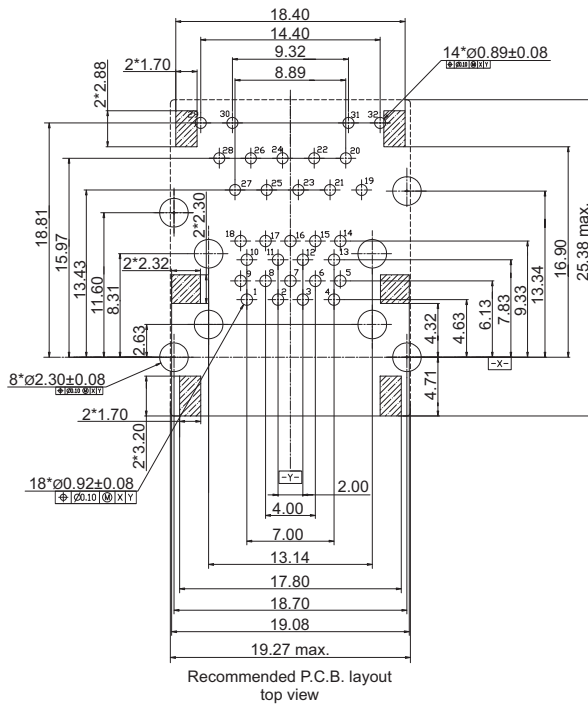
<b>69A46</b>	<b>J</b>	<b>726</b>	<b>E</b>	<b>Y</b>	<b>0</b>
Series	Contact plating J = 30 μ"	Schematics see page 2	Color LED1 N = w/o LED E = green/orange G = green Y = yellow	Color LED2	Ground spring 0 = w/o spring 1 = top spring 2 = side spring 3 = top and side spring

\* standard



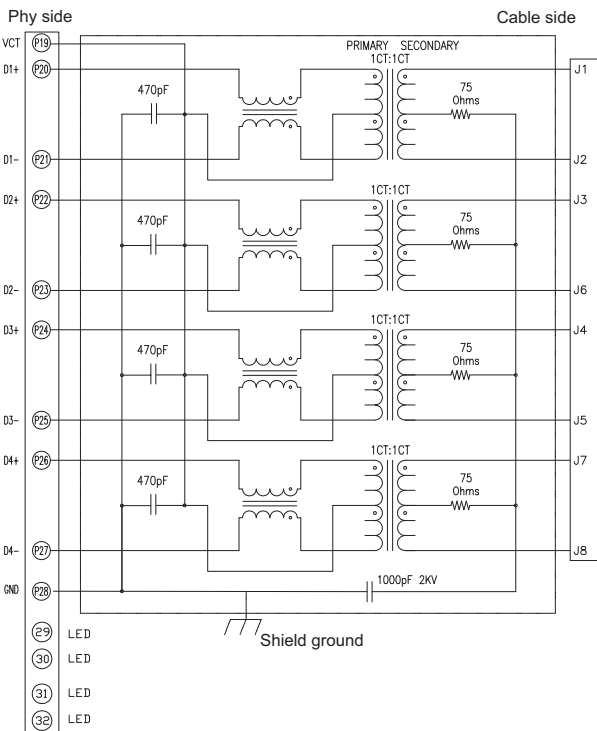
Mechanical dimensions

Unit: mm



Note: other schematics and LED polarity on customer request

Schematic 726



Electrical specifications		
Insertion loss	1 - 100 MHz	-1.2 dB max.
	1 - 40 MHz	-18 dB min.
Return loss	40 - 100 MHz	-12+20log(f/80) dB min.
	1 - 100 MHz	-30 dB min.
CMRR	1 - 100 MHz	-30 dB min.
Crosstalk	1 - 100 MHz	-30 dB min.
Isolation voltage	1500 VRMS	
Turns ratio	primar vs. secondary	1CT : 1CT ±3%
Primary inductance	@ 100 KHz / 100 mVRMS, 8 mA DC BIAS (P10-P10), (P12-P13), (P14-P15), (P16-P17) 350 µH min.	

Tolerances	
Linear	.XX ± 0.25
	.XXX ± 0.10

