SMD RJ-45 Filter Port Jacks with 10/100Base-TX

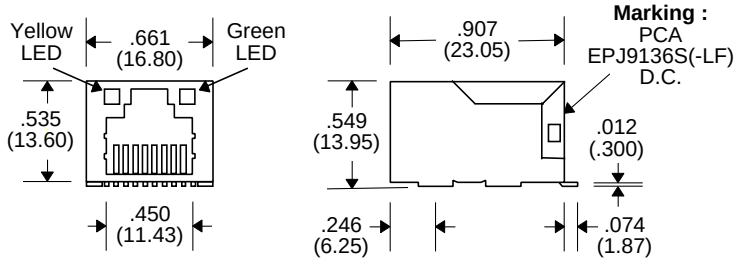
EPJ9136S & EPJ9136S-LF

- Surface Mount Package
- Space Saving RJ-45 Connectors
- Complete Bob Smith Termination Included
- UL94V-0 Rated High Temp. Thermoplastic Housing
- Add "-LF" after part number for Lead-Free
- 1500 Vrms Isolation

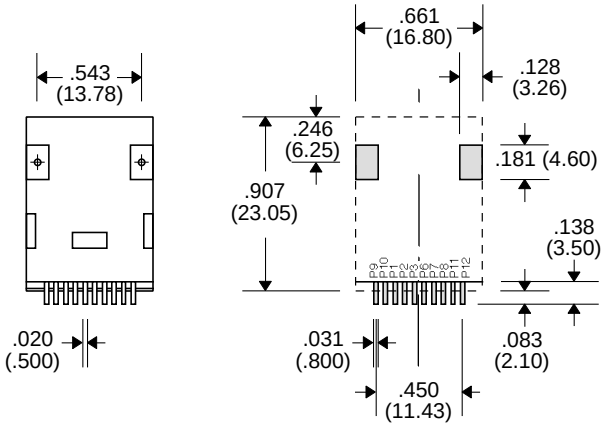
Electrical Parameters @ 25° C

Turns Ratio (± 5%)	OCL (µH Min.)	Insertion Loss (dB Max.)	Return Loss (dB Min.)			CMRR (dB Min.)	CMD (dB Min.)	Crosstalk (dB Typ.)			
	@ 100 KHz, 100m Vrms	1-100 MHz	1-10 MHz	30-60 MHz	60-80 MHz	1-100 MHz	1-100 MHz	@ 5 MHz	@ 30 MHz	@ 60 MHz	@ 100 MHz
Xmit/Rcv	8 mA DC Bias										
1:1/1:1	350	-1.0	-18	-18	-12	-30	-40	-70	-45	-40	-35

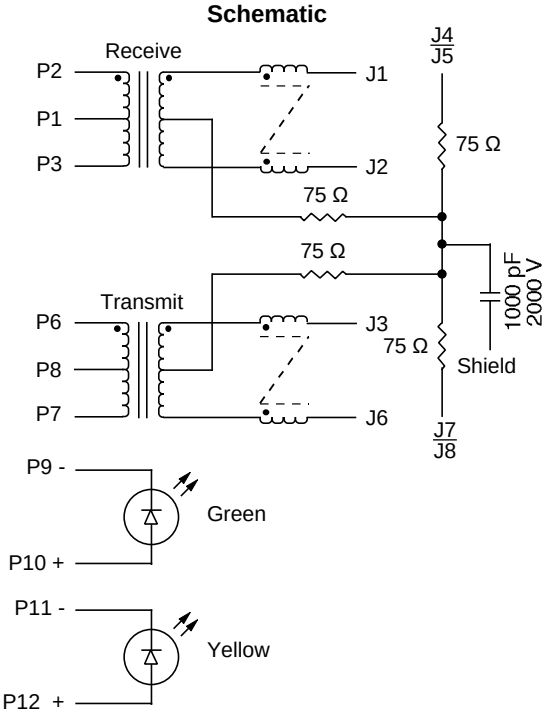
Package



Recommended PCB Layout (Top View)



Schematic



Notes :	EPJ9136S	EPJ9136S-LF
1. Lead Finish	SnPb	Semi Matte Tin
2. Peak Solder Rating	225°C	260°C
3. Moisture Sensitive Levels (MSL)	1 (Unlimited, ≤30°C/60%RH)	1 (Unlimited, ≤30°C/60%RH)
4. Weight	TBD grams	TBD grams
5. Packaging Information (Tube)	TBD pcs / tube	TBD pcs / tube

Unless Otherwise Specified Dimensions are in Inches /mm ± .010 /.25

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Product performance is limited to specified parameters. Data is subject to change without prior notice.

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