



FEATURES

- Wire-wound miniature common mode array.
- No effect on high speed differential signals due to low differential mode loss.
- High common mode attenuation.
- Two materials for various applications.



APPLICATIONS

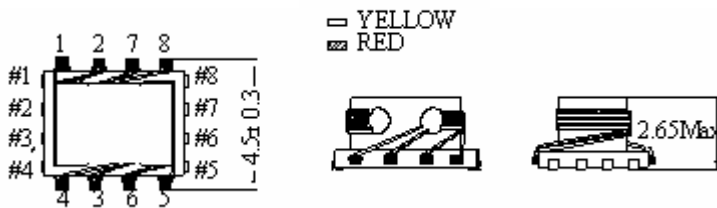
- ESRID Series is a dual wound common mode choke w/c is ideal for NOISE ATTENUATION in a twisted pair cable interfaces as well as IEEE1394 & USB2.0 applications. An excellent impedance balance between two sets of twisted pairs is achieved by winding across a single core .
- ESRID Series.

PRODUCT IDENTIFICATIONS

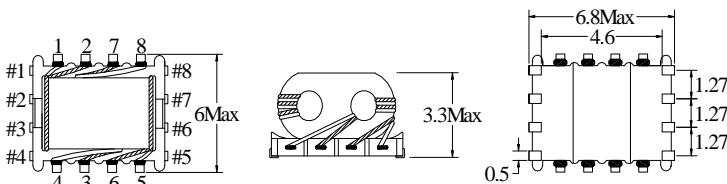
ESRID 6068 - 221 - 16P

Special (Ex:16P)
 Normal impedance 221:221 Ω at 100MHz
 Dimensions
 Series name

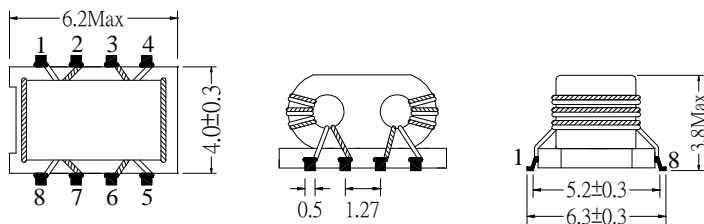
SHAPES AND DIMENSIONS



ESRID4845

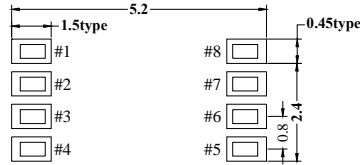
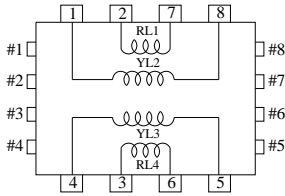


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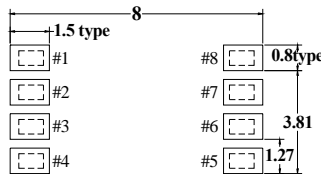
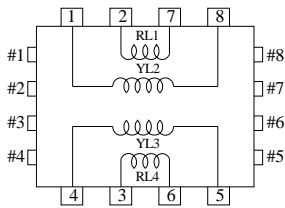


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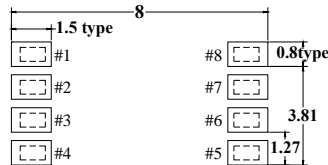
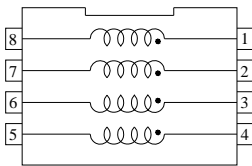
CIRCUIT(TOP VIEW) & PAD



ESRID4845



ESRID6068



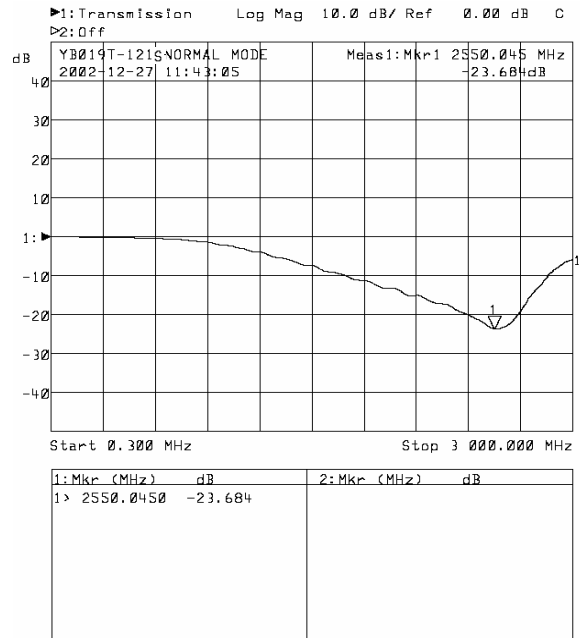
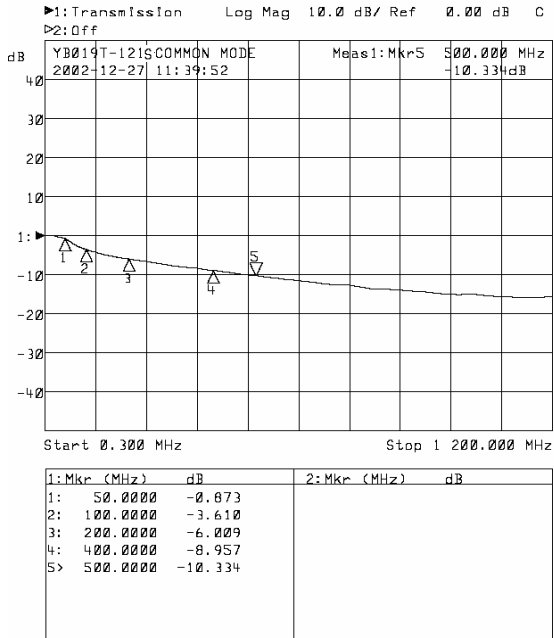
ESRID6560

Electrical Characteristics

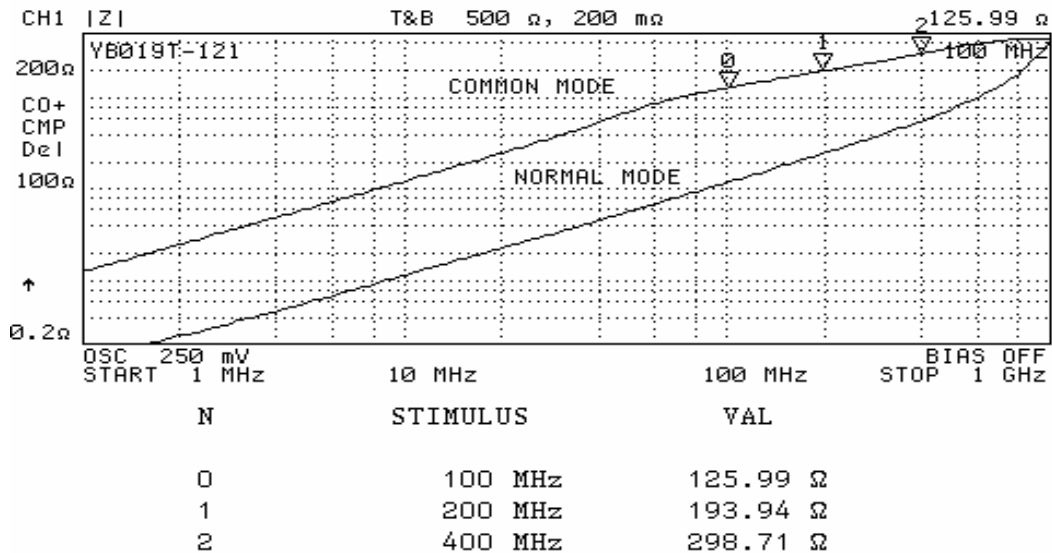
Part Number	Impedance (Ω) [100MHz]	I _{DC} (A)Max	DC Resistance (Ω)Max	Withstand Voltage
4845 系列				
ESRID4845-900-16P	90	0.65	0.1	50V _{DC}
ESRID4845-121-16P	120	0.65	0.3	50V _{DC}
ESRID4845-161-16P	160	0.3	0.3	50V _{DC}
ESRID4845-221-16P	220	0.3	0.12	50V _{DC}
6068 系列				
ESRID6068-221-16P	220	0.65	0.3	50V _{DC}
6560 系列				
ESRID6560-341-8P	340	0.5	0.1	80V _{DC}
ESRID6560-181-8P	180	0.5	0.09	80V _{DC}
ESRID6560-880-8P	88	0.5	0.08	80V _{DC}
ESRID6560-561-8P	556	0.5	0.12	80V _{DC}

Insertion loss :

ESRID4845

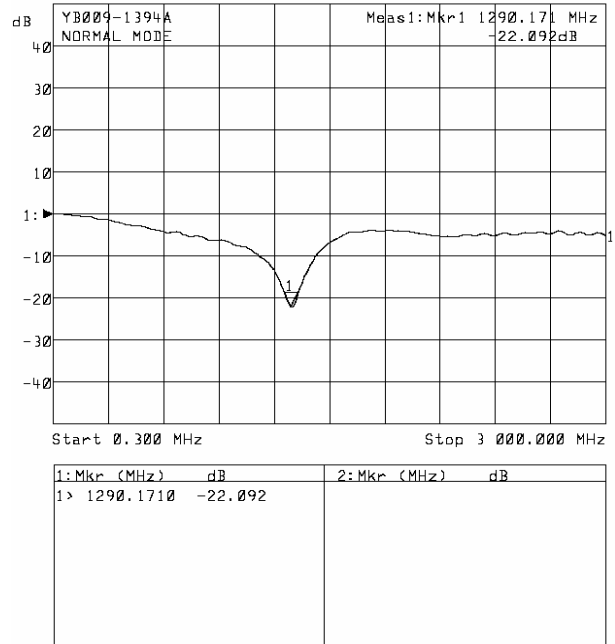
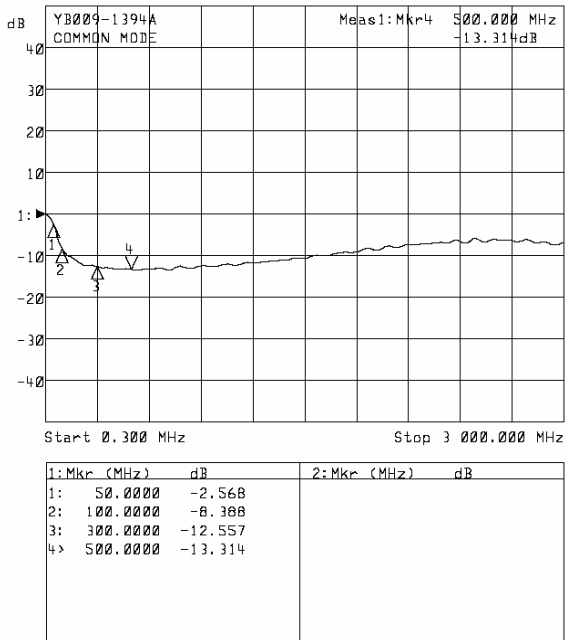


| Z | - F :

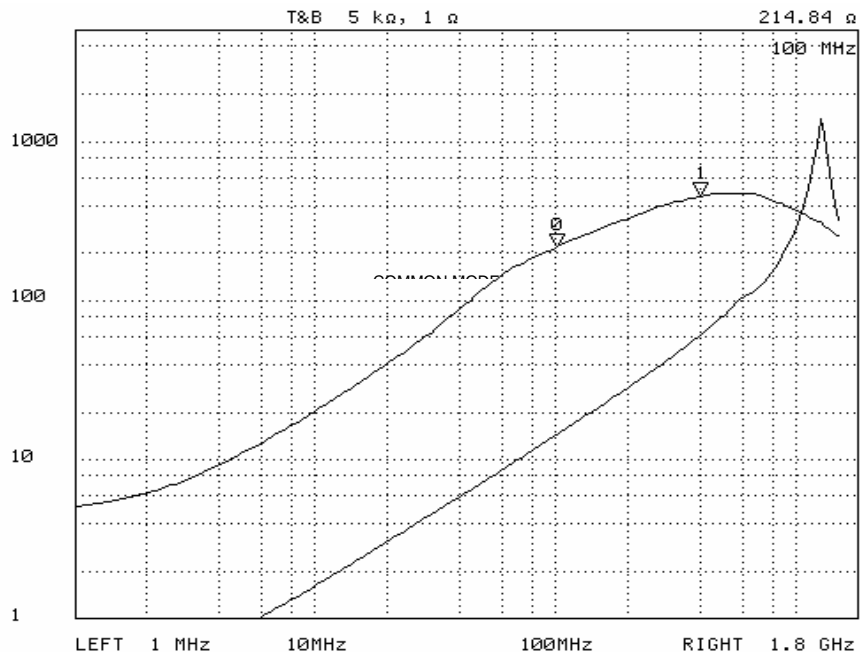


Insertion loss :

ESRID6068

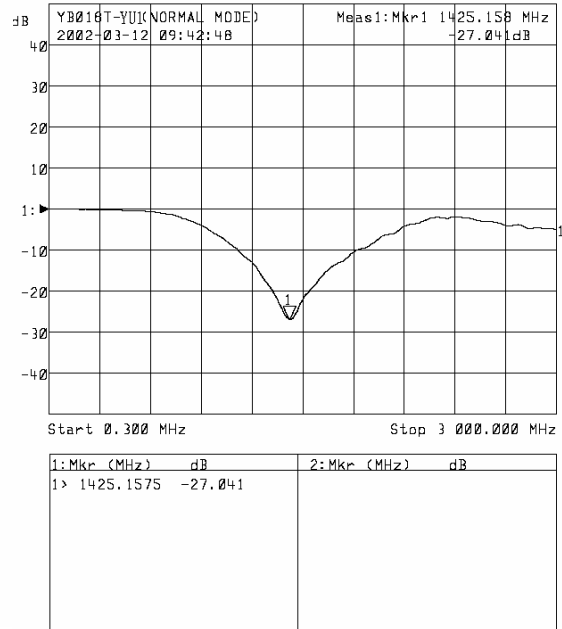
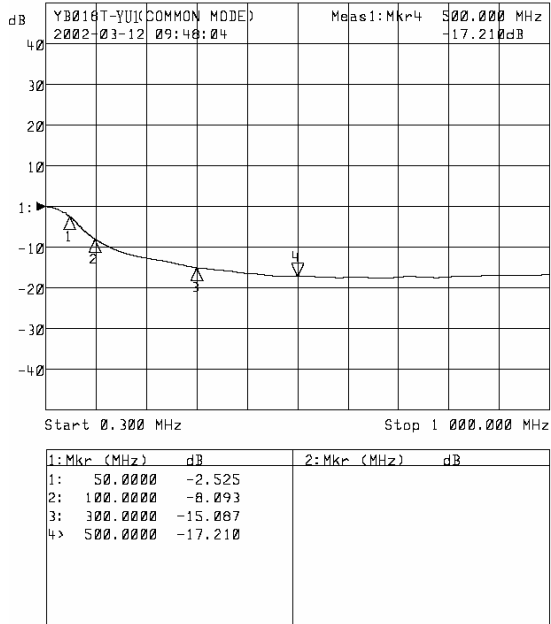


| Z | - F :



Insertion loss :

ESRID6560



| Z | - F :

