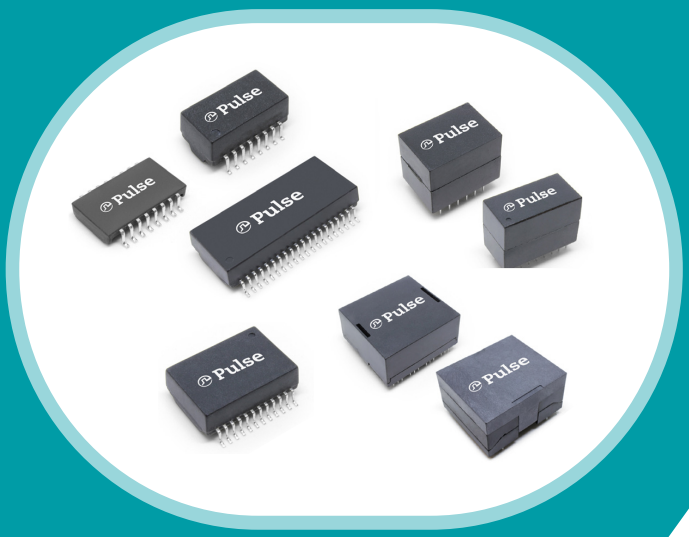


Pulse
a YAGEO company

SMD HALOGEN FREE SERIES

HB / HXB Discrete LAN Modules

PREFERRED PRODUCT 2024

Fast Ethernet	PART NUMBER	NUMBER of PORTS	MOUNTING STYLE	DATA RATE	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	BREAKDOWN VOLTAGE	WINDING CONFIGURATION	OPERATING TEMPERATURE	PoE RATING
1	HB2003HLT	1	16 Pin SMD	10/100BAse-TX	12.80	9.30	5.65	1500Vrms	3wCMC / XFM	0 to +70 'C	30W
2	HXB2001HLT	1	16 Pin SMD	10/100BAse-TX	12.80	9.30	5.65	1500Vrms	2wCMC / XFM	-40 to +85 'C	30W
3	HXB2002HLT	1	16 Pin SMD	10/100BAse-TX	12.80	9.30	5.65	1500Vrms	2wCMC / XFM	-40 to +85 'C	30W
4	HB3002HLT	1	16 Pin SMD	10/100BAse-TX	12.70	9.60	2.00	1500Vrms	XFM / 2wCMC	0 to +70 'C	N/A
5	HB3004HLT	1	16 Pin SMD	10/100Base-TX	12.80	9.30	5.65	1500Vrms	XFM / 2wCMC	0 to +70 'C	N/A
6	HB3006HLT	4	40 Pin SMD	10/100BAse-TX	28.00	16.10	5.70	1500Vrms	XFM / 2wCMC	0 to +70 'C	N/A
1Gigabit	**PART NUMBER**	**NUMBER of PORTS**	**MOUNTING STYLE**	**DATA RATE**	**LENGTH (mm)**	**WIDTH (mm)**	**HEIGHT (mm)**	**BREAKDOWN VOLTAGE**	**WINDING CONFIGURATION**	**OPERATING TEMPERATURE**	**PoE RATING**
7	HB5005HLT	1	24 Pin SMD	1Gigabit	15.10	10.00	4.00	1500Vrms	XFM / 2wCMC	0 to +70 'C	30W
8	HB5009HLT	1	24 Pin SMD	1Gigabit	15.10	10.00	4.00	1500Vrms	3wCMC / XFM	0 to +70 'C	30W
9	HB6011HLT	2	48 Pin SMD	1Gigabit	27.80	15.20	7.20	1500Vrms	XFM / 2wCMC	0 to +70 'C	30W
10	HB5013HLT	2	48 Pin SMD	1Gigabit	27.80	15.20	7.20	3000Vrms[1]	XFM / 2wCMC	0 to +70 'C	N/A
11	HXB5008HLT	1	24 Pin SMD	1Gigabit	15.10	10.00	4.00	1500Vrms	2wCMC / XFM	-40 to +85 'C	30W
12	HXB5011HLT	1	24 Pin SMD	1Gigabit	15.60	9.47	2.30	3000Vrms[2]	2wCMC / XFM	-40 to +85 'C	30W
13	HXB5012HLT	1	24 Pin SMD	1Gigabit	17.55	15.90	6.00	1500Vrms	XFM / 2wCMC	-40 to +85 'C	30W
1Gigabit (PoE+)	**PART NUMBER**	**NUMBER of PORTS**	**MOUNTING STYLE**	**DATA RATE**	**LENGTH (mm)**	**WIDTH (mm)**	**HEIGHT (mm)**	**BREAKDOWN VOLTAGE**	**WINDING CONFIGURATION**	**OPERATING TEMPERATURE**	**PoE RATING**
14	HB6002HLT	1	24 Pin SMD	1Gigabit	17.55	15.90	6.00	1500Vrms	XFM / 2wCMC/Shunt	0 to +70 'C	60W
15	HXB6008HLT	1	24 Pin SMD	1Gigabit	17.55	15.90	6.00	1500Vrms	2wCMC / XFM	-40 to +85 'C	90W
16	HXB6014HLT	2	48 Pin SMD	1Gigabit	27.80	15.20	7.20	1500Vrms	2wCMC / XFM	-40 to +85 'C	60W
17	HXB6020HLT	1	24 Pin SMD	1Gigabit	15.10	10.00	5.80	1500Vrms	2wCMC / XFM	-40 to +85 'C	60W
2.5Gigabit	**PART NUMBER**	**NUMBER of PORTS**	**MOUNTING STYLE**	**DATA RATE**	**LENGTH (mm)**	**WIDTH (mm)**	**HEIGHT (mm)**	**BREAKDOWN VOLTAGE**	**WINDING CONFIGURATION**	**OPERATING TEMPERATURE**	**PoE RATING**
18	HB4009HLT	1	24 Pin SMD	2.5Gigabit	15.10	10.00	4.00	1500Vrms	2wCMC / XFM	0 to +70 'C	N/A
19	HB4010HLT	1	24 Pin SMD	2.5Gigabit	17.55	15.90	6.00	1500Vrms	2wCMC / XFM	0 to +70 'C	N/A
20	HB4013HLT	1	24 Pin SMD	2.5Gigabit	17.55	15.90	6.00	1500Vrms	2wCMC / XFM	0 to +70 'C	60W
21	HXB4016HLT	1	24 Pin SMD	2.5Gigabit	17.55	15.90	6.00	1500Vrms	2wCMC / XFM	-40 to +85 'C	90W
22	HXB4019HLT	2	48 Pin SMD	2.5Gigabit	32.80	17.60	7.30	1500Vrms	2wCMC / XFM	-40 to +85 'C	90W
5Gigabit	**PART NUMBER**	**NUMBER of PORTS**	**MOUNTING STYLE**	**DATA RATE**	**LENGTH (mm)**	**WIDTH (mm)**	**HEIGHT (mm)**	**BREAKDOWN VOLTAGE**	**WINDING CONFIGURATION**	**OPERATING TEMPERATURE**	**PoE RATING**
23	HB5G005HLT	1	24 Pin SMD	5Gigabit	17.55	15.90	6.00	1500Vrms	XFM / 2wCMC	0 to +70 'C	N/A
24	HXB5G010HLT	1	24 Pin SMD	5Gigabit	17.55	15.90	6.00	1500Vrms	2wCMC / XFM	-40 to +85 'C	60W
25	HXB5G013HLT	1	24 Pin SMD	5Gigabit	17.55	15.90	6.00	1500Vrms	2wCMC / XFM	-40 to +85 'C	90W
26	HXB5G017HLT	2	48 Pin SMD	5Gigabit	27.80	15.20	7.20	1500Vrms	2wCMC / XFM	-40 to +85 'C	60W
27	HXB5G020HLT	2	48 Pin SMD	5Gigabit	32.80	17.60	7.30	1500Vrms	2wCMC / XFM	-40 to +85 'C	90W
10Gigabit	**PART NUMBER**	**NUMBER of PORTS**	**MOUNTING STYLE**	**DATA RATE**	**LENGTH (mm)**	**WIDTH (mm)**	**HEIGHT (mm)**	**BREAKDOWN VOLTAGE**	**WINDING CONFIGURATION**	**OPERATING TEMPERATURE**	**PoE RATING**
28	HXB7008HLT	1	24 Pin SMD	10Gigabit	17.55	15.90	6.00	1500Vrms2	2wCMC / XFM	-40 to +90 'C	N/A
29	HXB7009HLT	1	24 Pin SMD	10Gigabit	17.55	15.90	6.00	1500Vrms	XFM / 2wCMC	-40 to +90 'C	N/A
30	HXB7011HLT	1	24 Pin SMD	10Gigabit	17.55	15.90	6.00	1500Vrms	2wCMC / XFM	-40 to +90 'C	60W
31	HXB7012HLT	1	24 Pin SMD	10Gigabit	17.55	15.90	6.00	1500Vrms	2wCMC / XFM	-40 to +90 'C	90W
32	HXB7015HLT	2	48 Pin SMD	10Gigabit	32.80	18.50	7.30	1500Vrms	2wCMC / XFM	-40 to +90 'C	90W