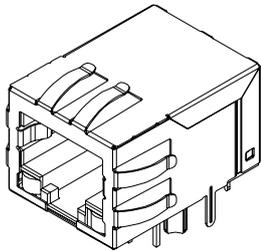


RJ45 1 × 1 Tabdown RA TH

**RoHS
Compliant**



Specifications:

100 BASE-T Ethernet Application;
Meets IEEE 802.3 & ANSI X 3.263 Standards;
Operating Temperature : 0°C to +75°C;
Storage Temperature : -40°C to +85°C;
Insulation Resistance : 500MΩ;

Insertion Force With The Latch Depressed: 22N Max.;
Removal Force With The Latch Depressed: 44N Max.;
Locking Force of Plug Latch: 50N Min. @60+/-5 sec.;
Durability : 750 Cycles;

Transmitter Filter & Receiver Filter:

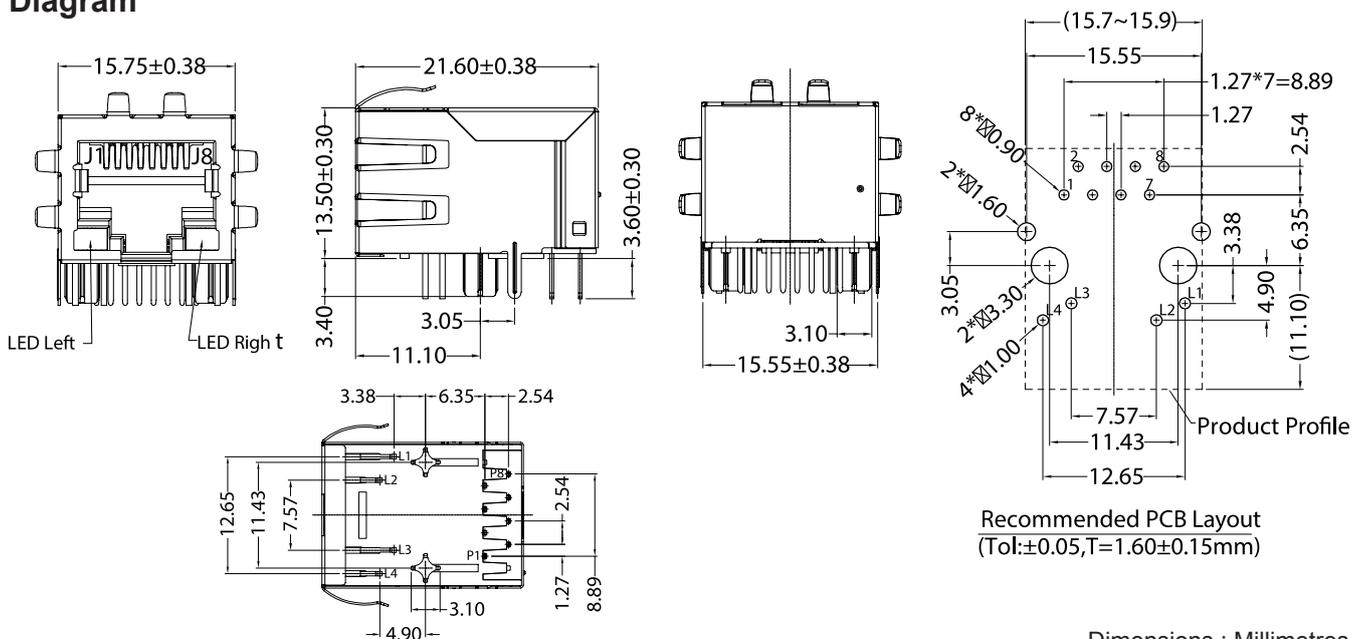
Type : Balance Low Pass 100Ω Impedance;
Insertion Loss : 1~100 MHz -1.0dB Max.;
Return Loss : 1~30 MHz -18dB Min. Load 100Ω;
30~60 MHz -16dB Min. Load 100Ω;
60~80 MHz -12dB Min. Load 100Ω;

Comm Mode Rejection : @1~100 MHz -30dB Min.;
Cross Talk : @1~100 MHz -30dB Min.;
Inductance : @100 KHz, 0.1V, 8mA DC BIAS
Input(J1-J2), Input(J3-J6): 350uH Min.;

HiPot Test

Input(J1-J2) To Output(P1-P2) : 1500V Ac Or 2250V Dc @60S;
Input(J3-J6) To Output(P3-P6) : 1500V Ac Or 2250V Dc @60S;
DC Resistance : (J1-J2) and (J3-J6) 1.2Ω Max

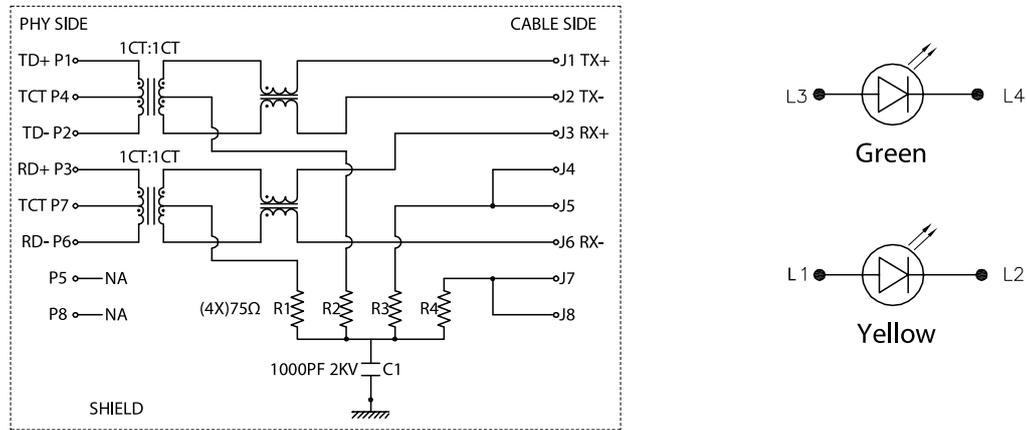
Diagram



Dimensions : Millimetres

RJ45 1 × 1 Tabdown RA TH

SCHEMATICS (10/100BASE T-01)



No.	Part Name	Material	Finish	Qty.
1	Housing	LCP+30%G/F ,Black	-	1
2	Case	LCP+30%G/F ,Black	-	1
3	Input-Contact	C2680H, T=0.35	100~200μ"Sn, Ni 50~80μ"	8
4	RJ-Contact	C5191H, T=0.3	1μ" Au/Sn, Ni 50~80μ"	8
5	Shell	SUS304H/2, T=0.2	NI50~250μ"	1

Dimensions : Millimetres

Part Number Table

Description	Part Number
RJ45 Receptacle Tabdown R/A DIP Type L21.6, Filter 100m, Shielded With LED, Contact G/F	MC001515
	MC001516

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