



## Specification

- Housing : ABS & PC mixed, UL94 V0 rated.  
Insert : PBT UL94 V0 rated.
- RJ45 Conductor : Phosphor Bronze.  
RJ45 Contact Finished :  
Contact area : 50 micro-inch min. Gold plated.  
Solder area : 50-60 micro-inch Tin-lead plated.  
50-60 micro-inch Nickel plated on the contact side of the conductor.
- IDC Housing : PC, UL94 V0.  
IDC Terminal : Phosphor Bronze with 50 micro-inch Tin-lead plated over 50-60 micro-inch Nickel plated.
- Housing Color : Optional
- Shield : Bronze with Nickel plated.
- P.C.B: FR4 1.2 m/m thickness, 2 layer.
- IDC CAP : ABS UL94 HB, white color.
- Sticker: T568A & T568B wiring identification.
- Insertion Force : 900gms for 8 contacts.
- Retention Strength : 7.7 kgs between Jack and Plug.
- Operation Temperature : -40°C to 80°C.
- Durability :  
750 cycles contact resistance test check every  
100 cycles. Insertion cycles at 20 cycles/minute max.



WIRING STICKER

## Color coding information

### T568B

COLOR CODE	IDC TERMINAL	RJ45 JACK
WHITE/BLUE	PIN.5	PIN.5
BLUE	PIN.4	PIN.4
WHITE/ORANGE	PIN.1	PIN.1
ORANGE	PIN.2	PIN.2
WHITE/GREEN	PIN.3	PIN.3
GREEN	PIN.6	PIN.6
WHITE/BROWN	PIN.7	PIN.7
BROWN	PIN.8	PIN.8

### T568A

COLOR CODE	IDC TERMINAL	RJ45 JACK
WHITE/BLUE	PIN.5	PIN.5
BLUE	PIN.4	PIN.4
WHITE/GREEN	PIN.1	PIN.1
GREEN	PIN.2	PIN.2
WHITE/ORANGE	PIN.3	PIN.3
ORANGE	PIN.6	PIN.6
WHITE/BROWN	PIN.7	PIN.7
BROWN	PIN.8	PIN.8

NOTE: TOL ± 0.1 m/m

	DSGN	Alice	14.May.2004	ITEM NO:	AT-AG KEY
	CHK				
UNIT	M / M	APPR			Cat.5e Enhanced Keystone Jack, Full shielded.
SCALE	3/2				
DWG NO:	AT-AG KEY	<h1>ASSMANN Electronic Components</h1>			