



NOTES:

ELECTRICAL:

- VOLTAGE RATING : 125 VAC RMS.
- CURRENT RATING : 1.5AMP.
- CONTACT RESISTANCE : 40 MILLIOHMS MAX.
- INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 500 VDC.
- DIELECTRIC STRENGTH : 1000 VAC RMS 60Hz, 1MIN.
- CATEGORY 5 CHARACTERISTIC:

Frequency	Near-End Cross Talk dB, MIN.	Return Loss dB, MIN.	Attenuation dB, MAX.
1.0 MHZ	65	35	0.1
4.0 MHZ	65	35	0.1
8.0 MHZ	64.9	35	0.1
10.0 MHZ	63	35	0.1
16.0 MHZ	58.9	35	0.2
20.0 MHZ	57	34	0.2
25.0 MHZ	55	32	0.2
31.25 MHZ	53.1	30.1	0.2
62.5 MHZ	47.1	24	0.3
100.0 MHZ	43	20	0.4

MECHANICAL:

- HOUSING MATERIAL : PBT+30%.G.F UL94V-0.
- CONTACT MATERIAL : PHOSPHOR BRONZE t=0.35mm.
- PLATING : GOLD PLATING OVER NICKEL
- OPERATING LIFE : 750 CYCLES MIN.
- PCB RETENTION PRE-SOLDER : 1 LB MIN.
- PCB RETENTION POST-SOLDER: 10 LBS MIN.

ENVIRONMENTAL:

- STORAGE : -40°C TO +85°C.
- OPERATION: -40°C TO +85°C.
- WAVE SOLDERING TEMPERATURE: 230°C~250°C (3~5 SECONDS)
- RoHS COMPLIANT.

MATES WITH MODULAR PLUG CONFORMING

FCC PART 68, SUBPART F.

CUL FILE NO. E161391

ROHS PART NUMBER: E6588-J00025-L

MM (INCH)		RoHS Compliant		Pulse A TECHNITROL COMPANY	
TOLERANCES EXCEPT AS NOTED		TITLE			
MM		TOP ENTRY PCB JACK CAT.5 ENHANCE			
.0 ± 0.2	±	DFTO Jeri Chi		DRAWING NO. CE653A26-LC-01	
.00 ± 0.15	±	DATE 07/12/06		/PART NO. SEE TABLE	
.000 ± 0.075	±	SCALE : 1 :1		DO NOT SCALE DRAWING	
ANGLES ± 0.5		SHEET 1		OF 1	
THIRD ANGLE PROJECTION					

8

7

6

5

4

3

2

1

A

B

C

D

E

F

G

H