



PC Board t=1.60mm  
Component Side Shown

**NOTES:**  
**ELECTRICAL:**

- VOLTAGE RATING : 125 VAC RMS.
- CURRENT RATING : 1.5 AMP.
- CONTACT RESISTANCE : 50 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	23	0.1
4.0 MHZ	65	23	0.1
8.0 MHZ	62	23	0.1
10.0 MHZ	60	23	0.1
16.0 MHZ	56	23	0.2
20.0 MHZ	54	23	0.2
25.0 MHZ	52	14	0.2
31.25 MHZ	50	14	0.2
62.5 MHZ	44	14	0.3
100.0 MHZ	40	14	0.4

**MECHANICAL:**

- HOUSING MATERIAL : GLASS FILLED NYLON UL94V-0 COLOR-BLACK.
- INSERT & PLATE MATERIAL : GLASS FILLED NYLON UL94V-0 COLOR-BLACK.
- CONTACT MATERIAL : PHOSPHOR BRONZE t=0.35mm.
- PLATING : CONTACT AREA-SELECTIVE GOLD PLATING.  
TAILS-TIN 150u" MIN OVER NICKEL.
- OPERATING LIFE : 750 CYCLES MIN.
- PCB RETENTION PRE-SOLDER : 1 LB MIN.
- PCB RETENTION POST-SOLDER: 10 LBS MIN.

**ENVIRONMENTAL:**

- STORAGE TEMPERATURE : -40°C TO +85°C.
- OPERATION TEMPERATURE: -40°C TO +85°C.
- WAVE SOLDERING TEMPERATURE: 255°C~265°C(5~10 SECONDS)
- RoHS COMPLIANT.

MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.  
UL & CUL FILE NO. E163191

PART NUMBER	GOLD PLATING
E6588-A59122-L	6u"
E6588-A59124-L	30u"
E6588-A59125-L	50u"

DETACHED LISTS	← MM (INCH) →	<b>RoHS Compliant</b>				
	TOLERANCES EXCEPT AS NOTED	TITLE CAT.5 W/O GROUNDING STACKED GANGED JACK, 2X4				
	MM .0 ± 0.2 ± .00 ± 0.15 ± .000 ± 0.075 ± ANGLES ± 0.5	DFTO Cathy DATE 09/19/2006		DRAWING NO. CE653A41-LB /PART NO. SEE TABLE		SIZE A3
THIRD ANGLE PROJECTION	SCALE : 1.6 : 1		DO NOT SCALE DRAWING		SHEET 1 OF	