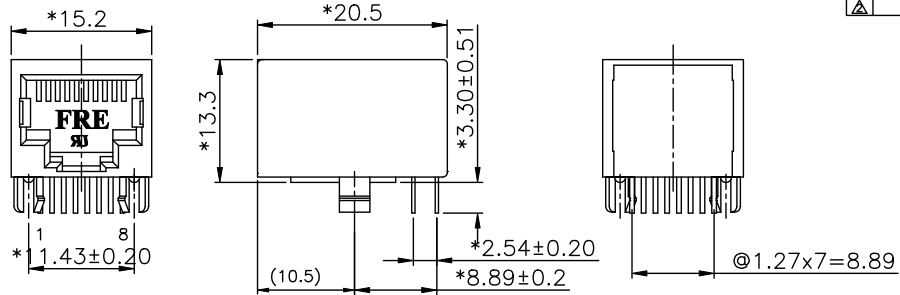


D1RFRD006

REVISION RECORD				
REV	ECO	DESCRIPTION	DRFT	CHKD
△		ADD TYPE	7/14/2003	
△		MODIFY NOTE	12/22/04	



**NOTES:**

**ELECTRICAL:**

- VOLTAGE RATING : 125VAC 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	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

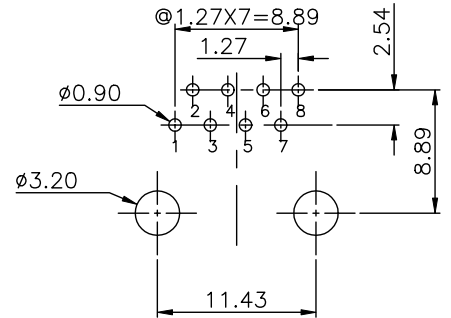
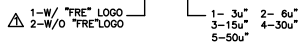
**MECHANICAL:**

- HOUSING MATERIAL : GLASS FILLED POLYESTER 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: 0°C TO +70°C.
- MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

PART NUMBER: E6588-X0012X



MM (INCH)		DFTO CZH	DATE 01/07/03	FULL RISE ELECTRONIC CO., LTD	
TOLERANCES EXCEPT AS NOTED		CHKD QAMPU	DATE2005/1/10	TITLE	
MM	INCH	MFO	DATE	CAT.5 SHIELDED PCB JACK	
.0 ±0.2	±	APPVLLUSHENG	DATE2005/1/10	DRAWING NO. GE653017	
.00 ±0.15	±	MATERIAL :	QTY :	/PART NO. SEE NOTE	
.000 ±0.075	±	FINISH :	SCALE : 2.5 : 1	DO NOT SCALE DRAWING	
ANGLES ± 0.5		THIRD ANGLE PROJECTION		SHEET OF	
				SIZE A3	REV 2

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

H  
G  
F  
E  
D  
C  
B  
A