

J

I

H

G

F

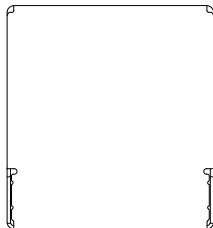
E

D

C

B

A



Unit:mm

Standard	Dim A
IEC1-FR-0677	2.15~2.30

1394	
Pin Number	Signal Name
S1	VP
S2	VG
S3	TPB*
S4	TPB
S5	TPA*
S6	TPA

eSATA	
Pin Number	Signal Name
S1	GND
S2	RX+
S3	RX-
S4	GND
S5	TX-
S6	TX+
S7	GND

NOTES:

*Material

Housing: PBT,UL 94-0 Rated

Retainer: Nylon46,UL 94-0 Rated

eSATA's Contact: Brass,Gold plating over Nickel on contact area; Tin Plating on Solder Tail.

1394's Contact: Brass,Gold plating over Nickel on contact area; Tin Plating on Solder Tail.

Shell(Outside): Brass, Nickel plating

*e SATA Electrical Specification

Current Rating: 1.5 Ampere per contact

Contact Resistance: 30mOHM Max

Insulation Resistance: 1000M OHM MIN

Dielectric Withstanding Voltage:500VAC.

*1394 Electrical Specification

Operation Voltage:40 VAC max.

Current Rating: 1.5 Ampere per contact

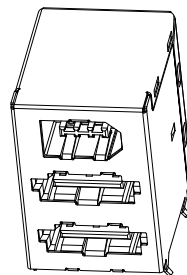
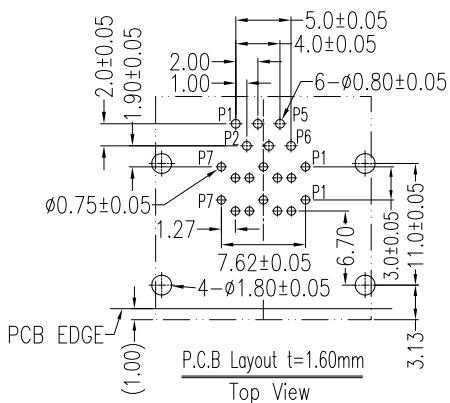
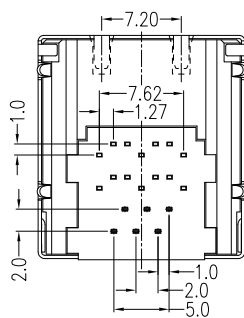
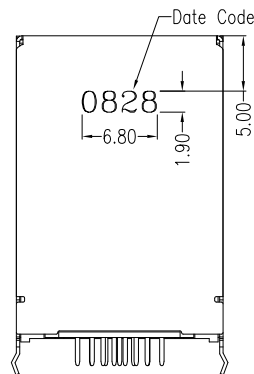
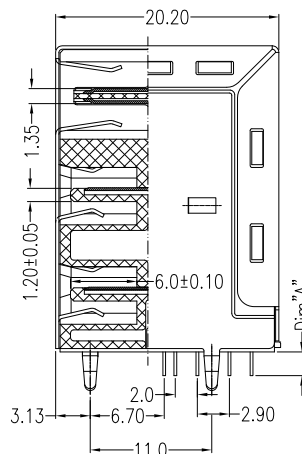
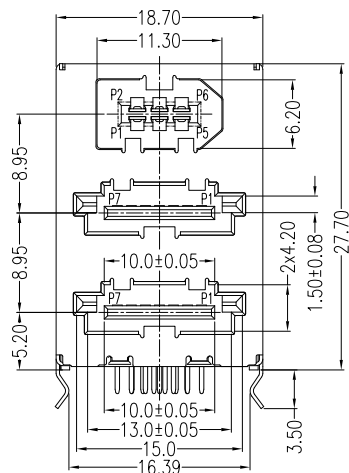
Contact Resistance: 30mOHM Max

Insulation Resistance: 100M OHM MIN

Dielectric Withstanding Voltage:500V AC.

*Environmental

Operating Temperature : -55°c to +125°c.



3D Drawing

IEC1-FR-0677-LF

LEADFREE

RoHS Compliant

MORETHANALL
CONNECTORS
ASSEMBLIES

PART NO. IEC1-FR-0677

DWG NO. IEC1-FR-0677

FILE NO.

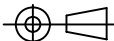
UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

.X ± 0.2

.XX ±

.XXX ±

AWG

DESCRIP TION: IEEE 1394+Double eSATA Male CRT

AREA

REVISIONS

HK

DATE