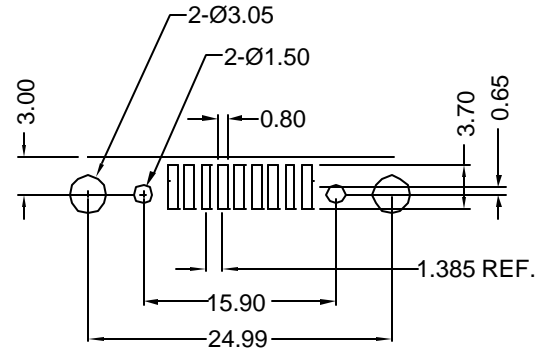
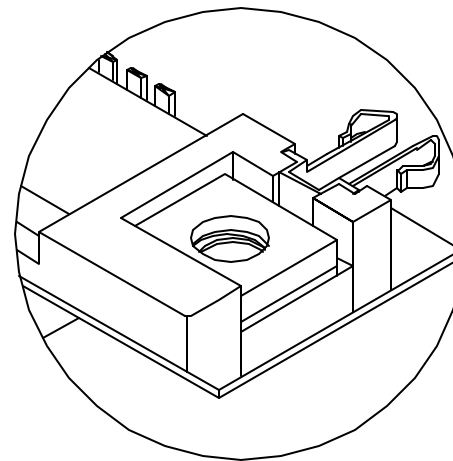


Recommended PCB Layout



Pin Number:
1 6 2 7 3 8 4 9 5



Fork Board Lock Type

Material and Finish

Shell: Steel, Nickel plated

Insulator: Nylon 6T
high temp. thermoplastic
UL 94V-0 rated
reflow process compatible

Contact Material:
Socket-Phosphor Bronze

Duplex plated as follows:

-30 .000030" [0.00076mm] gold
on mating end,
tin-lead on termination end,
with entire contact nickel

-15 .000015" [0.00038mm] gold
on mating end,
tin-lead on termination end,
with entire contact nickel

(Standard) Gold flash on mating end,
Gold flash or tin-lead on
termination end, with nickel
underplate on entire contact

Electrical Specifications

Rated Current:

5A

Rated Voltage:

300V DC

Withstanding Voltage:

500V (rms) AC for 1 min

Insulation Resistance:
more than 1000 Mohm

at 500v DC

Contact Resistance:

13 mohm Max

Dielectric Strength:

1000V for 1 min

Temperature Rating:

-55°C to +105°C

Max. Reflow Temperature:

230°C for 30 sec.

260°C for 10 sec.



Tolerances	
X.X ± 0.25	
X.XX ± 0.15	
Unless Stated Otherwise	

REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS
C5	10/12/00	Ref ECD 00-038	K. Wallace	H. MA	mm
C6	10/25/01	Ref ECD 01-201	REVISED BY	CHECK DATE	DATE
D1	01/24/06	ECD# 06-004	R. Aguirre	1/27/06	7/28/99

K202HT-E9S-N

D-Sub, Right Angle

Low Profile, 9 Pin Female, SMT



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