



EN: This Datasheet/Document is presented by the manufacturer.

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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LJH 05/13/06'		LJC 05/13/06'
E	ADD SCREW TYPE	YCH 05/28/09'		LJC 05/28/09'
F	ADD SCREW TYPE	LJC 12/13/13'		

NOTES:

1. SPECIFICATIONS:

- 1.0 VOLTAGE RATING: 250V AC.
- 1.1 CONTACT CURRENT RATING: 1.5A MAX. PER PIN.
- 1.2 CONTACT RESISTANCE: 20mΩ MAX.
- 1.3 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC(rms) FOR 1 MINUTE.
- 1.4 INSULATION RESISTANCE: 1000MΩ MINI.
- 1.5 TEMPERATURE RANGE: -40°C~+105°C.

2. PRODUCT NUMBER CODE:

DS1037-XXXXXXXX-XXX

SCREW MATERIALS ①

F: STEEL C: COPPER ALLOY

BOARD LOCK MATERIALS ①

F: STEEL C: COPPER ALLOY

INSULATOR MATERIALS ①

0: PBT UL94 V-0 2: PBT UL94 HB

SCREW DIM. E

4: 4.80mm 5: 5.80mm
6: 4.80mm(Inside thread M2.6*0.45p,
outside thread unc#4-40)
M3: 4.80mm(Inside thread M3.0,
outside thread unc#4-40)

BOARD LOCK DIM. F

4: 4.00mm 7: 3.70mm

CONTACT PLATING

T: SELECTIVE GOLD FLASH
Si: FULL GOLD FLASH
6: FULL TIN 1: SELECTIVE 10u" GOLD

COLOR OF HOUSING

K: BLACK B: BLUE C: BLUE(PC99)

SCREW TYPE

A: WITH SCREW TYPE B: WITH RIVET TYPE
C: WITH SCREW AND RIVET TYPE
D: RIVET TYPE WITH SCREWS IN BULK PACKAGE
E: WITH RIVET TYPE(N/A THREAD)

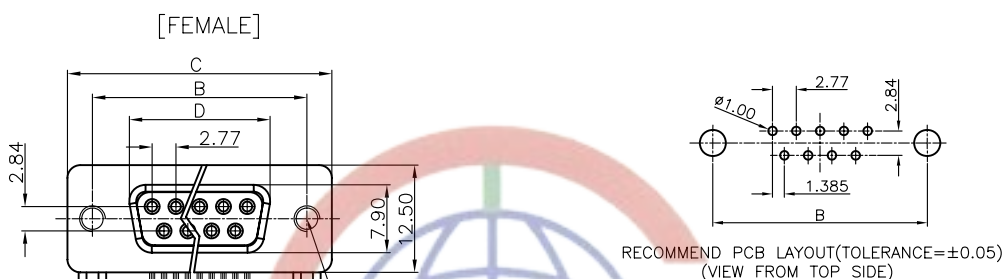
SHELL PLATING

N: Nickel T: Tin

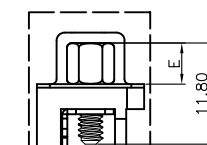
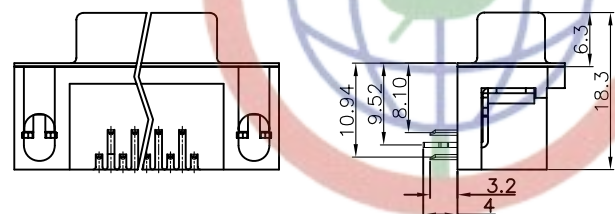
CONNECTOR TYPE

M: MALE F: FEMALE

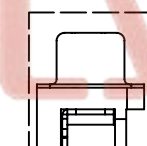
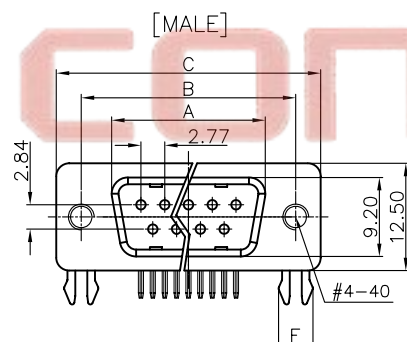
No. OF CONTACT
09,15,25,37



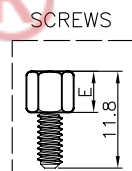
RECOMMEND PCB LAYOUT(TOLERANCE=±0.05)
(VIEW FROM TOP SIDE)



WITH SCREW TYPE

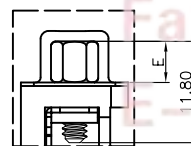


WITH RIVET TYPE

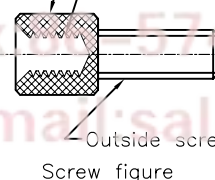


SCREWS

Inside screw thread



WITH SCREW AND RIVET TYPE



Outside screw thread

Screw figure

Dimensions:

Positions	A±0.2	B±0.2	C±0.2	D
9	17.90	24.99	30.80	16.33
15	26.50	33.32	39.14	24.66
25	40.00	47.04	53.04	38.38
37	56.50	63.50	69.32	54.84

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°
DRAWING TYPE		CUSTOMER	
SCALE	1:1	SHEET	1 OF 1
DRAWING NO.	C-DS1037-XXXXXXXX-XXX-F		

PROJECTION		TITLE	D-SUB STANDARD	
UNITS	mm		RIGHT ANGLE(7.2mm) TYPE	
SHEET SIZE	A4	SERIES	DS1037 SERIES	



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