

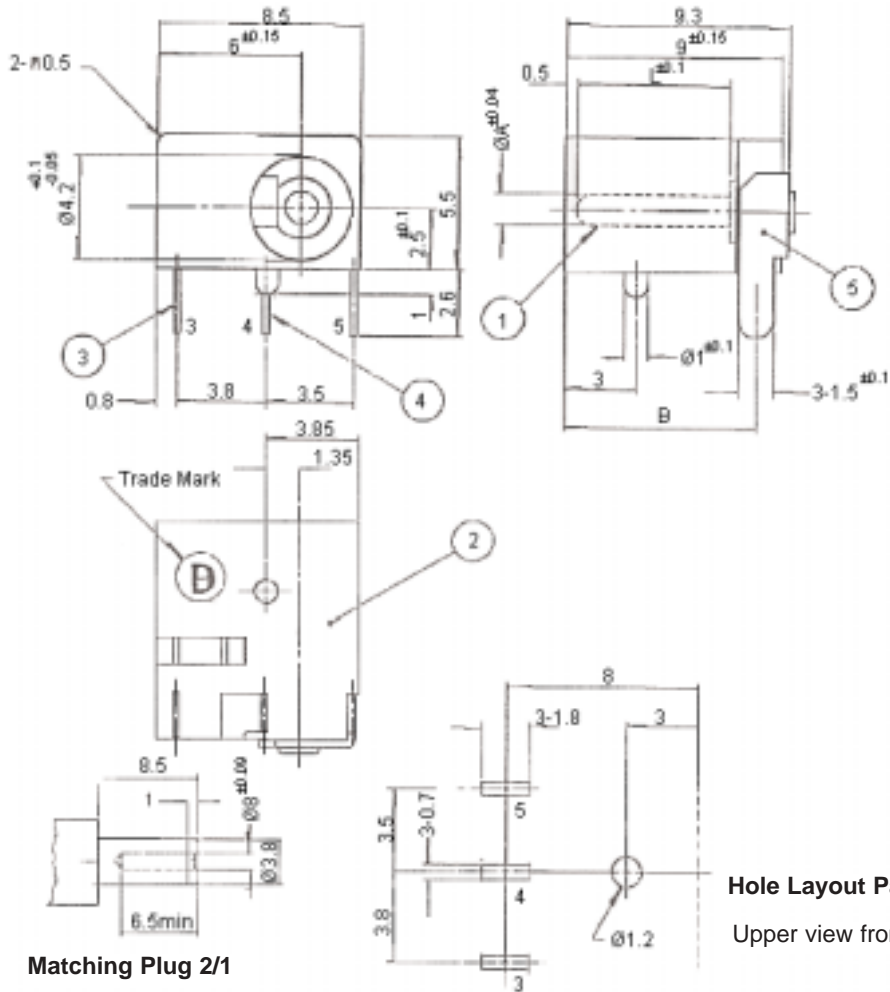


PART NO.

MJ-82-1

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Naveen	5/10/10	Jagan	5/10/10	Farnell	19/10/10



Hole Layout Pattern

Upper view from the direction of insertion to PCB

Matching Plug 2/1

Dimensions: Millimetres

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DRAWN BY:

Naveen

DATE:

05/10/10

CHECKED BY:

Jagan

DATE:

05/10/10

APPROVED BY:

Farnell

DATE:

19/10/10

DRAWING TITLE:

Socket - PCB, DC Power

SIZE
A

DWG NO.

M10002477

ELECTRONIC FILE
MJ82-1H+MJ82-2H_DWG

REV
A

SCALE: NTS

U.O.M.: mm

SHEET: 1 OF 2



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MJ-82-1

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Specifications:

Insulation resistance : Not less than 50MΩ measured by 500V megger.
 Contact resistance : Not exceed 30mΩ initially not more than 100mΩ after life test.
 Withstand voltage : 250V for one minute.
 Operational force : Insertion force : 800 ±300gm.
 : Extraction force : 550 ±200gm.
 Life : Not less than 5,000 times of plug-in and out action in load condition with matching plug.

Material and finish

LET	Part Name	Quantity	Material	Remark
1	Pin	1	Brass	Ni-plated
2	Casing		PBT G15	Black
3	TIP spring		Y-cut 0.25t	Ag-plated
4	Shunt terminal		Brass 0.3t	
5	Earth terminal			

Alternatives for the diameter of PIN (A), plug hole (B) and PIN length (L)

Specification Table

Description	ØA	ØB	L	Part Number
Socket, PCB, DC Power	1.3	1.4	6.3	MJ-82-1

<http://www.farnell.com>

<http://www.newark.com>

<http://www.cpc.co.uk>

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APPROVED BY:	DATE:
Farnell	19/10/10

DRAWING TITLE:			
Socket - PCB, DC Power			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10002477	MJ82-1H+MJ82-2H_DWG	A
SCALE: NTS	U.O.M.: mm	SHEET: 2 OF 2	