

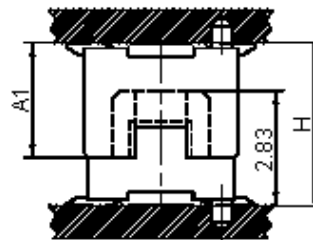
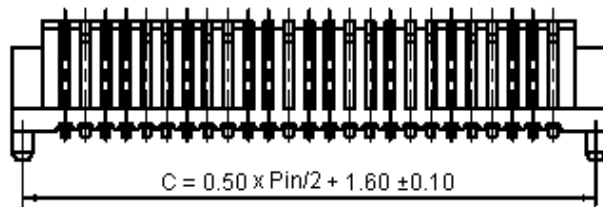
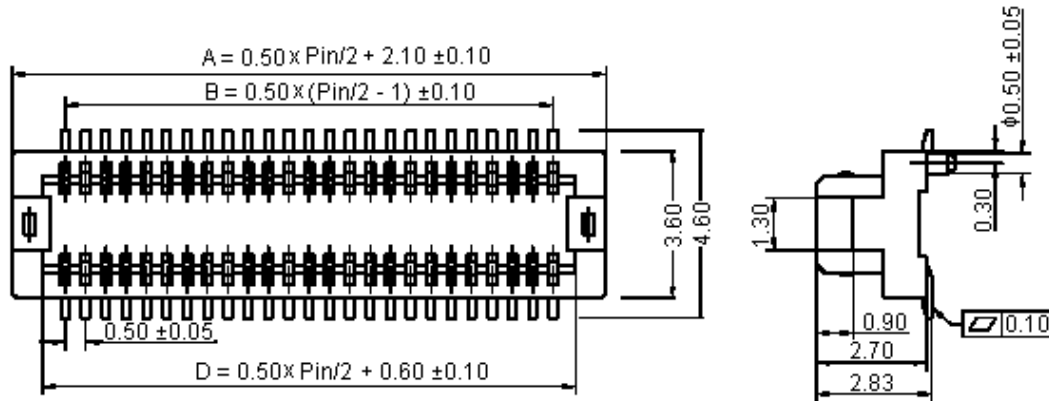


PART NO.

2001S - Series

## REVISIONS

| ECN # | REV | DESCRIPTION | DRAWN | DATE     | CHECKD | DATE     | APPRVD  | DATE     |
|-------|-----|-------------|-------|----------|--------|----------|---------|----------|
| -     | A   | RELEASED    | Ramya | 15/11/08 | Suresh | 15/11/08 | Farnell | 29/11/08 |
|       |     |             |       |          |        |          |         |          |



Mating Draw (Reference)

## Specifications:

|                               |                           |
|-------------------------------|---------------------------|
| Current rating                | : 0.5A ac/dc.             |
| Voltage rating                | : 50V ac/dc.              |
| Maximum contact resistance    | : 30mΩ.                   |
| Minimum insulation resistance | : 100MΩ at 100V dc.       |
| Withstanding voltage          | : 100V ac for one minute. |
| Operating temperature range   | : -20°C to +105°C.        |

## Material and Plated:

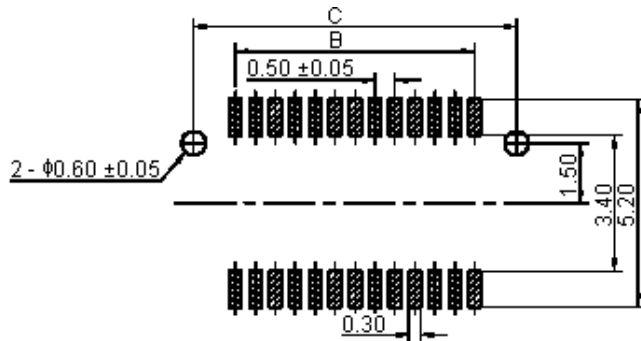
|         |                                         |
|---------|-----------------------------------------|
| Housing | : High temperature plastic (LCP beige). |
| Contact | : Phosphor bronze.                      |
| Plated  | : Gold.                                 |

## Mating Dimension

| P/N (Socket)           | Socket Height Dimension<br>A1 | Mating Height Dimension<br>H |
|------------------------|-------------------------------|------------------------------|
| 2001S - XXG - 270 - 01 | 2.83                          | 4.00                         |
|                        | 3.33                          | 4.50                         |

Dimensions : Millimetres

## PCB Layout



Dimensions : Millimetres

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## TOLERANCES:

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DRAWN BY:

Ramya

DATE:

15/11/08

CHECKED BY:

Suresh

DATE:

15/11/08

APPROVED BY:

Farnell

DATE:

29/11/08

DRAWING TITLE:

0.5mm Socket - 2.7mm Profile Height

SIZE  
A

DWG NO.

M10001810

ELECTRONIC FILE  
1661174-TDS\_DWGREV  
A

SCALE: NTS

U.O.M.: mm

SHEET: 1 OF 2



PART NO.

2001S - Series

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|       |     |             |       |          |        |          |         |          |

## Contact Dimensions

| Number of Positions | A     | B     | C     | D     | Part Number      |
|---------------------|-------|-------|-------|-------|------------------|
| 20                  | 7.10  | 4.50  | 6.60  | 5.60  | 2001S-20G-270-01 |
| 30                  | 9.60  | 7.00  | 9.10  | 8.10  | 2001S-30G-270-01 |
| 40                  | 12.10 | 9.50  | 11.60 | 10.60 | 2001S-40G-270-01 |
| 50                  | 14.60 | 12.00 | 14.10 | 13.10 | 2001S-50G-270-01 |
| 60                  | 17.10 | 14.50 | 16.60 | 15.60 | 2001S-60G-270-01 |

Dimensions : Millimetres

## Part Number Explanation:

2001S

-

20G

-

270

-

01

Socket

Number of Positions

Gold Plated

Height

Tab

Height : 270 = 2.7mm.

Tab : 01 = w/o Metal Tab.

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1661174-TDS\_DWGREV  
A

SCALE: NTS

U.O.M.: mm

SHEET: 2 OF 2