

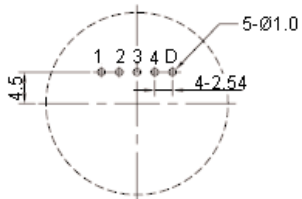


PART NO.

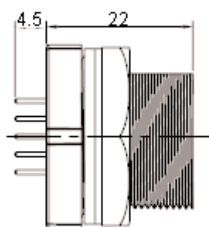
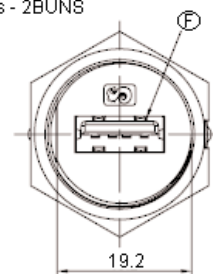
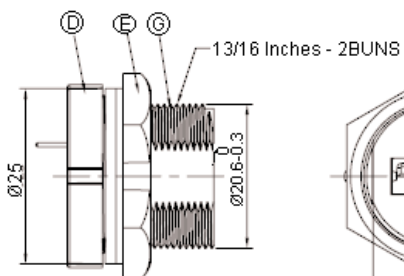
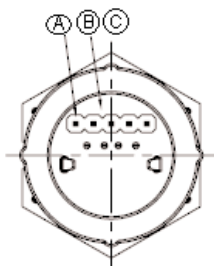
2UB3001-W05100

REVISIONS

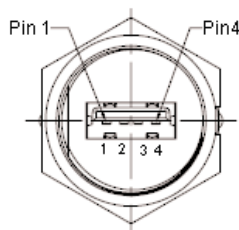
ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Sidhu	03/02/11	Jagan	03/02/11	Farnell	17/02/11



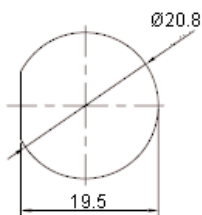
5 Pin Wafer PCB Layout



Dimensions : Millimetres



Pin Assignments Front View



Recommended Panel Cut-Out

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Sidhu	03/02/11
CHECKED BY:	DATE:
Jagan	03/02/11
APPROVED BY:	DATE:
Farnell	17/02/11

DRAWING TITLE:

Waterproof USB 2.0 Jack

SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10002804	2UB3001-W0000W	A
SCALE: NTS	U.O.M.: mm	SHEET: 1 OF 3	



PART NO.

2UB3001-W05100

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Sidhu	03/02/11	Jagan	03/02/11	Farnell	17/02/11

Specifications:

Waterproof rate : IP67.
 IP67 : Immersed in 1M water for 30 minutes.

Electrical Characteristics:

Rating : 30V 1A.
 Maximum Contact resistance : 30mΩ (Initial).
 Dielectric withstanding voltage : 500V ac for one minute.
 Minimum insulation resistance : 100MΩ Measured by 500 V dc.
 Other general specifications to refer 2UB1518 series specifications.
 Maximum insertion force : 3.5 KGF.
 Minimum withdraw force : 0.5 KGF.
 To conform to singatron hazardous substance free specifications.
 For panel thickness maximum of 4.0mm.

Specifications Table

Description	Material	Plating and Colour
Wafer	5 Pin 2.54 Pitch	Black
PCB	FR-4	Green
O-Ring	EPDM	Black
Sealing Nut	PPE	
Screw Nut		
USB A Jack	P/N:2UB1518-000111	N/A
Housing	PPE	Black

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Jagan	03/02/11
APPROVED BY:	DATE:
Farnell	17/02/11

DRAWING TITLE:

Waterproof USB 2.0 Jack

SIZE A	DWG NO. M10002804	ELECTRONIC FILE 2UB3001-W05100	REV A
SCALE: NTS		U.O.M.: mm	SHEET: 2 OF 3



PART NO.

2UB3001-W05100

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Sidhu	03/02/11	Jagan	03/02/11	Farnell	17/02/11

Part Number Table

Description	Part Number
Jack, USB, Panel Mount, IP67	2UB3001-W05100

<http://www.farnell.com>

<http://www.newark.com>

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

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APPROVED BY:	DATE:
Farnell	17/02/11

DRAWING TITLE:

Waterproof USB 2.0 Jack

SIZE A	DWG NO. M10002804	ELECTRONIC FILE 2UB3001-W05100	REV A
SCALE: NTS		U.O.M.: mm	SHEET: 3 OF 3