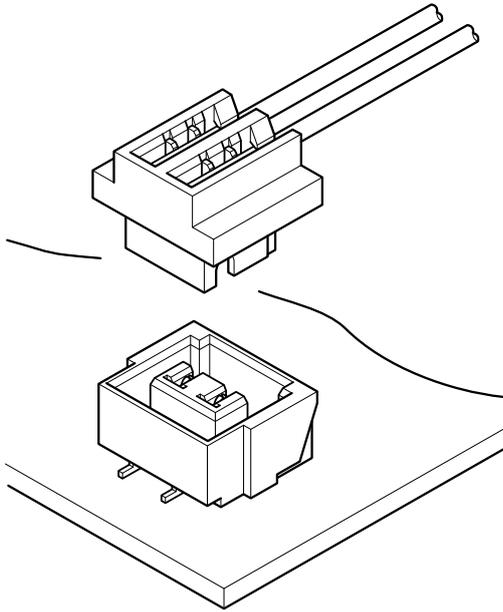




ASR CONNECTOR



1.0mm pitch/Disconnectable Insulation displacement connectors



- Compact
- Twin U-slot insulation displacement section
- 3-point grip construction
- Header designed for vacuum pick and place robotics

Specifications

- Current rating: 0.7 A DC
- Voltage rating: 50 V DC
- Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 30 mΩ max.
After environmental testing/ 40 mΩ max.
- Insulation resistance: 100 MΩ min.
- Withstanding voltage: 500 VAC/minute
- Applicable wire: Conductor size/AWG #30
Conductor/ 7 strands,
tin-coated annealed copper
Insulation O.D./ 0.54 to 0.58 mm

* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.

* Contact JST for details.

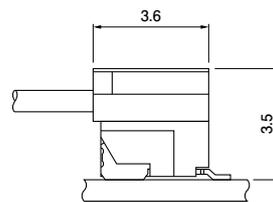
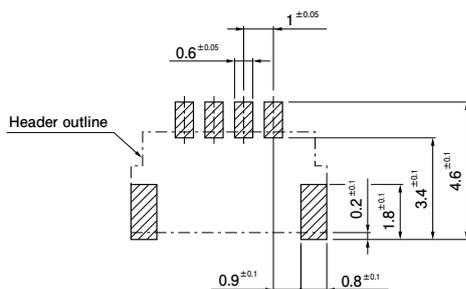
* Compliant with RoHS.

Standards

Ⓜ Recognized E60389

Ⓢ Certified LR20812

PC board layout (viewed from component side) and Assembly layout

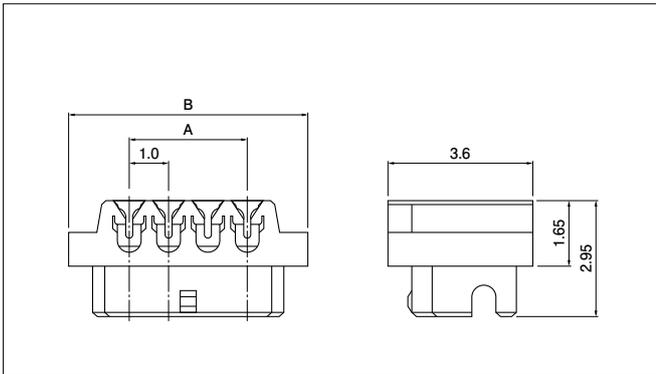


Note: 1. Tolerances are non-cumulative: $\pm 0.05\text{mm}$ for all centers.

2. The dimensions above should serve as a guideline. Contact JST for details.

ASR CONNECTOR

Socket



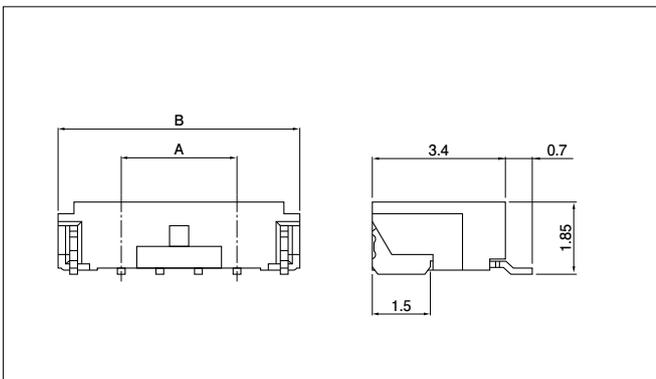
No. of circuits	Model No.	Dimensions (mm)		Q'ty / box
		A	B	
2	02ASR-30S	1.0	4.0	3,000
3	03ASR-30S	2.0	5.0	3,000
4	04ASR-30S	3.0	6.0	3,000

Material and Finish

Contact: Phosphor bronze, tin-plated (reflow treatment)
Housing: Glass-filled PA 66, UL94V-0, natural

RoHS compliance

Header



No. of circuits	Model No.	Dimensions (mm)		Q'ty / reel
		A	B	
2	BM02B-ASRS-TF	1.0	4.4	3,500
3	BM03B-ASRS-TF	2.0	5.4	3,500
4	BM04B-ASRS-TF	3.0	6.4	3,500

Material and Finish

Contact: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment)
Wafer: PA 6T, UL94V-0, natural
Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

RoHS compliance This product displays (LF)(SN) on a label.
Note: The products listed above are supplied on embossed-tape.

Model number allocation

Socket

02 ASR - 30S

No. of circuits: 2, 3, 4

Series name

Applicable wire range: 30...AWG #30

Color: S...Natural, K...Black

Header

BM 02 B - ASR S - TF

Shape of assembled product:
BM...SMT top entry type

No. of circuits: 2, 3, 4

Part name: Header

Series name

Color: S...Natural, K...Black

Packaging style: TF...Embossed-taping