

The **CLIFF®** range of S1CM Metal Nose 1/4" Mini & Stack Jacks incorporate significant new design features. Designed for snap-in PCB mounting to facilitate assembly and wave soldering, the S1CM is available with a choice of switching configurations, half or full threaded nose and optional nickel plated brass hexagonal mounting nut (ordered separately).

### Significant features include:

- Narrow body versions offering the highest board packing density available.
- Snap-in PCB mounting to facilitate assembly and wave soldering.
- Direct chassis grounding to plug and PCB to meet EMC requirements.
- Body design supports auto-insertion.
- Choice of half or full threaded nose.
- Retention latch ensures optimum 'grip' on inserted plugs.
- Two different stack height options available: SH and SHL.

Patent protected

### Technical Data:

#### Electrical:

Rated Current: 5A.  
Rated Voltage: 2000V DC Min.  
Dielectric Withstand: >1500VAC/1min.  
Insulation Resistance: >10<sup>6</sup> mΩ @ 500VDC

#### Mechanical:

Operating Temp: -10°C to +70°C  
Solderability: 95% coverage (min.)  
Test Temperature: 230°C +/-10°C  
Test Time: 3 sec +/- 0.5 sec.  
Insertion Force: <5 NF  
Removal Force: >10 NF

#### Materials:

Housing: Nylon UL94 V-10  
Contacts: **CLIFF®** Ni-Ag® PBT

Part No.	Model	Description
FCR1152	S1CM/SNB WN	1/4" Mono, switched horizontal PCB mounting. Full thread nose.
FCR1153	S1CM/SNB SPN	1/4" Mono, switched horizontal PCB mounting. Half thread nose.
FCR1154	S1CM/SBB WN	1/4" Stereo, switched horizontal PCB mounting. Full thread nose.
FCR1155	S1CM/SBB SPN	1/4" Stereo, switched horizontal PCB mounting. Half thread nose.
FCR1160	S1CM/SHL/SNB X2 WN	1/4" Mono, switched horizontal PCB mounting. Full thread nose. SHL spacer.
FCR1161	S1CM/SHL/SNB X2 SPN	1/4" Mono, switched horizontal PCB mounting. Half thread nose. SHL spacer.
FCR1162	S1CM/SHL/SBB X2 WN	1/4" Stereo, switched horizontal PCB mounting. Full thread nose. SHL spacer.
FCR1163	S1CM/SHL/SBB X2 SPN	1/4" Stereo, switched horizontal PCB mounting. Half thread nose. SHL spacer.
FCR1156	S1CM/SH/SNB X2 WN	1/4" Mono, switched horizontal PCB mounting. Full thread nose. SH spacer.
FCR1157	S1CM/SH/SNB X2 SPN	1/4" Mono, switched horizontal PCB mounting. Half thread nose. SH spacer.
FCR1158	S1CM/SH/SBB X2 WN	1/4" Stereo, switched horizontal PCB mounting. Full thread nose. SH spacer.
FCR1159	S1CM/SH/SNB X2 SPN	1/4" Stereo, switched horizontal PCB mounting. Half thread nose. SH spacer.

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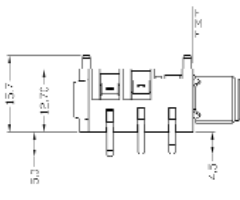
Fax: +44 (0) 1737 766012

Email: sales@cliffuk.co.uk

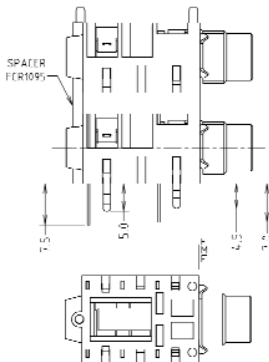
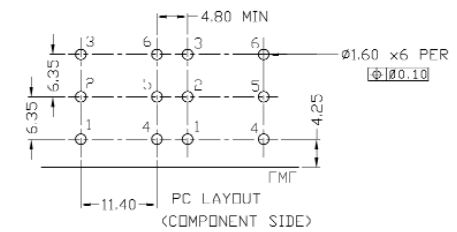
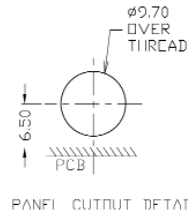
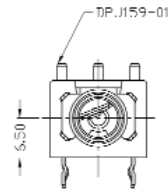


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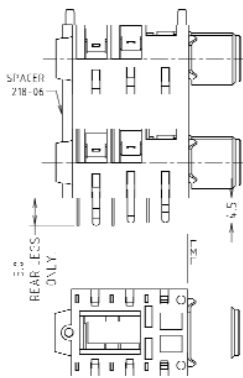
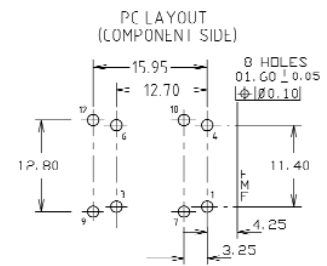
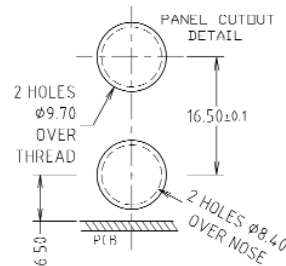
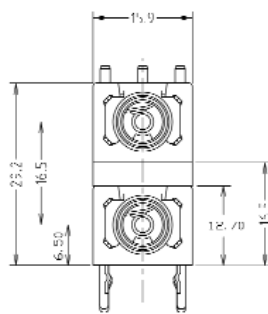
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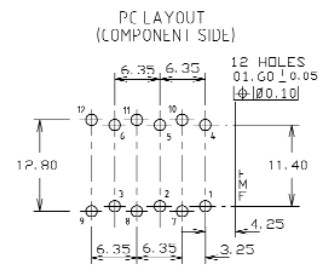
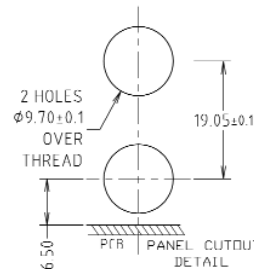
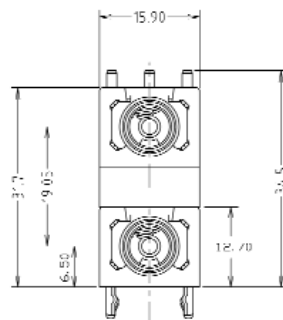
S1CM / SBB Stereo



S1CM / SHL / SNB Mono



S1CM / SH / SBB Stereo



Drawings for other versions available on request. Please contact our sales office.

### Specifications:

Designed to receive both mono and stereo 1/4" jack plugs, the S1CM jack socket is moulded in durable grade 1 black nylon with **CLIFF**® Ni-Ag® PBT Alloy self-cleaning contacts for superior performance and reliability. The S1CM is available with either a half or fully threaded nose and with an optional nickel plated brass hexagonal nut. Mounting hardware, if required, must be ordered separately and is supplied unassembled. When ordering, please state the contact arrangement required, with a plug inserted, using the following code from the front of the jack socket: S - Single, B - Break, N - No Contact. For example, an S1CM/SBB is a single 3-pole stereo switched jack socket, 1st contact - Single, 2nd and 3rd contact - Break and an S1CM/SH/SBB is a dual stacked 3-pole stereo switched jack socket, 1st contact - Single, 2nd and 3rd contact - Break. Made by CPM China.