

SMC Connectors

SMC Connectors are similar to the SMB in general, but feature threaded couplings rather than snap-on types.

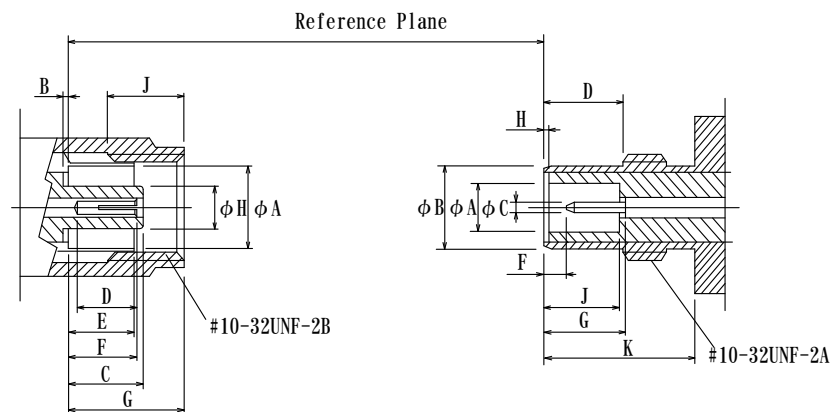
| | | |
|---------------------------------|------------------------------------------------|----------------------------------------------|
| Nominal impedance | 50Ω | |
| VSWR | DC~10GHz 1.3 max (in case of Semi-rigid cable) | |
| Insulation resistance | 10000MΩ min at DC500V | |
| Dielectric withstanding voltage | AC500V 1 minute | |
| Temperature range | -30℃~+85℃ | |
| Coupling Nut Force | 155N (15.8kg) max | |
| Contact Mating force | 0.49N (50g) min | |
| Contact durability | less than 10mΩ after 500 matings | |
| Material | Shell | Brass Gold plated, Nickel plated |
| | Center Socket Contact | Beryllium copper Heat treated, Gold plated |

Specifications may be subject to change without notice.

Mating Engagement

Plugs

Jacks



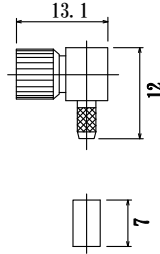
| | Jack | |
|---|------|------|
| | min | max |
| A | 3.73 | 3.81 |
| B | 0.00 | 0.30 |
| C | 3.15 | 3.40 |
| D | 2.79 | - |
| E | - | 3.10 |
| F | 3.05 | 3.40 |
| G | - | 5.92 |
| H | 2.00 | 2.06 |
| J | 2.79 | - |

| | Plug | |
|---|------|------|
| | min | max |
| A | 2.08 | 2.16 |
| B | 3.63 | 3.71 |
| C | - | 0.25 |
| D | 3.12 | 3.83 |
| E | 0.48 | 0.53 |
| F | 0.61 | - |
| G | 3.40 | 3.76 |
| H | 0.00 | 0.30 |
| J | 3.40 | 3.66 |
| K | 5.94 | - |

SMC Connectors

Plugs

SMCP-L-RG174



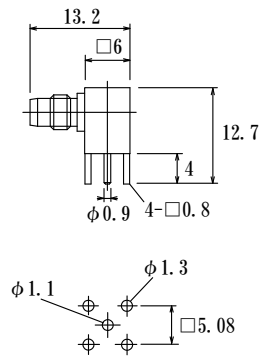
- Because of manufacture processing, this product is supplied only as a cable assembly. Please call our sales office.

| |
|-------------------|
| Applicable Cable |
| RG-174/U, RG316/U |

●Ni

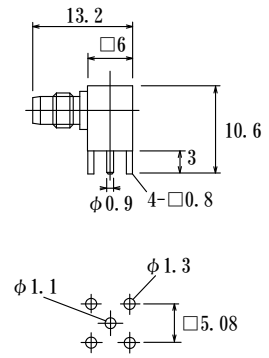
Jacks

SMC-LRN



●Ni

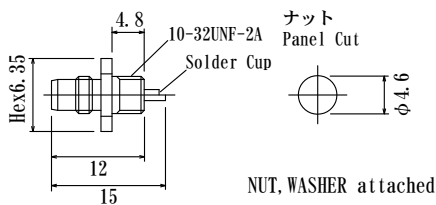
SMC-LR*



●Ni

Bulkhead Receptacles

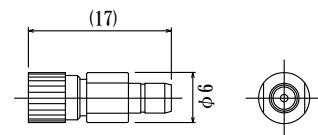
SMC-BR



●Ni

Between Adapter

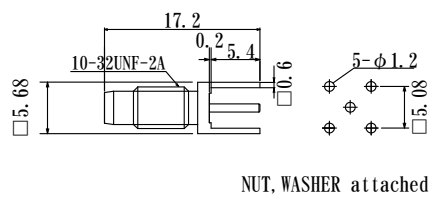
SMCP-SMBJ*



●Ni

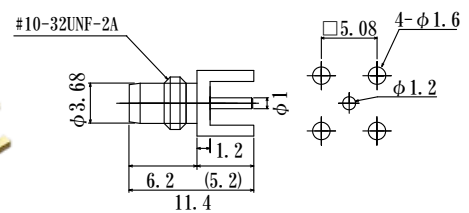
PCB Receptacles

SMC-BR-PC



●Ni

SMC-R-PC



●Au

* mark product is made only upon order.