| No. | Revision | Date | Name |
|---|---|---|---|
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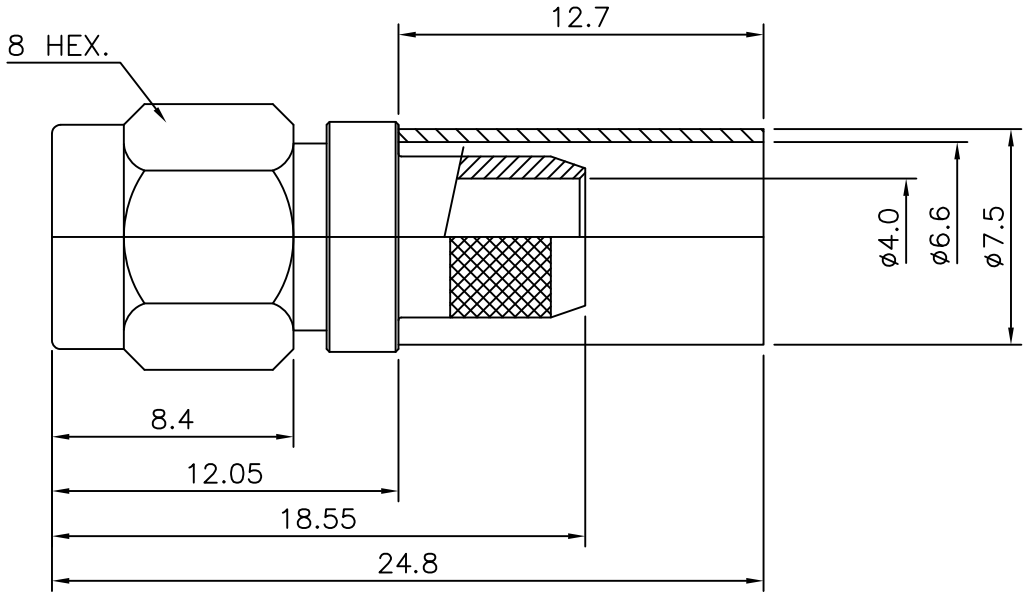
RoHS Compliant

ELECTRICAL DATA

| | |
|---|---|
| Impedance | 50Ω |
| Frequency range | Semi-rigid cable: DC~18GHz |
| | Flexible cable : DC~12.4GHz |
| Contact current | DC 2.0A max |
| Working voltage | Semi-rigid cable: 1000V |
| | Flexible cable : 750V |
| Contact resistance | Center contacts : 3.0mΩ |
| | Outer contacts : 2.5mΩ |
| Insulation resistance | 5000MΩ min. |
| Insertion loss | 0.05√f(GHz)dB |
| V.S.W.R | ≤1.15+0.02f(GHz) |
| RF lekage | -60dBm min. between 2~3GHz |

MECHANICAL DATA

| | |
|---|---|
| Coupling nut torque | 12Ncm-140Ncm |
| Coupling nut retention force | ≥200N |
| Life | 500 matings. |
| Contact captivation | ≥27N |




| Connector parts | Materials | Finish |
|---|---|---|
| Coupling Cap | Brass | SUCO Plated |
| Body | Brass | SUCO Plated |
| Center contact | Brass | Gold Plated |
| Ferrule | Brass | Nickel Plated |
| Insulator | PTFE | - |

SMA-Straight-PLUG/Crimp
for Cable:LMR240

| NO. | DESCRIPTION | Q'TY | MATERIAL | FINISH | REMARKS. |
|---|---|---|---|---|---|
| PARTS No. | SMA-113-001 | NAME | SMA-SP-LMR240 | | APPROVED |
| MATERIAL | FINISH | TOLERANCES OTHERWISE SPEC. ±0.05 ANGLES ±1° | | | CHECKED |
| | | SCALE | UNIT mm | | DESIGNED S.J.LEE |
| CUSTOMER | DONGJIN TI. | DWG NO. | SMA-113-001 | | DATE. 28/JUN/2006 |