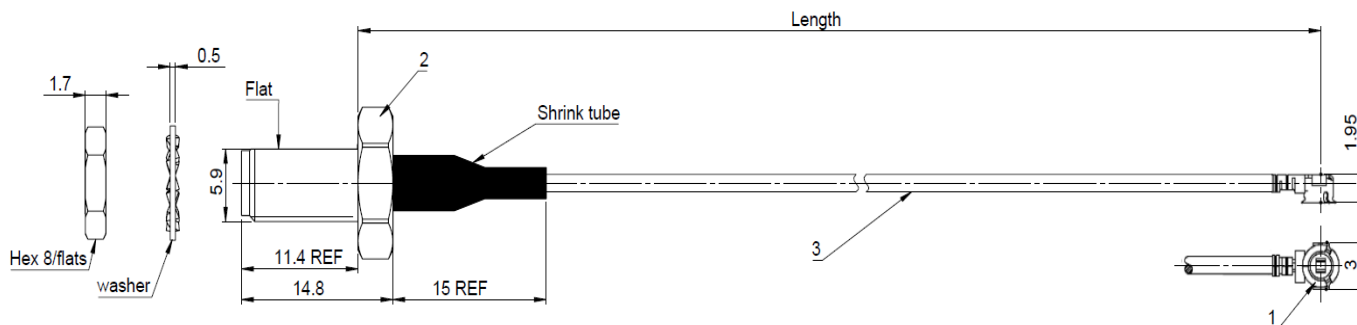


|          |                 |            |                                   |
|----------|-----------------|------------|-----------------------------------|
| PAGE 1/1 | ISSUE 10-04-15A | SERIES MML | PART NUMBER <b>R302255015 XXX</b> |
|----------|-----------------|------------|-----------------------------------|



## PANEL CUT OUT

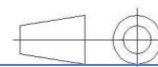
A B

|   | mm   |      |
|---|------|------|
|   | Maxi | mini |
| A | 6.6  | 6.5  |
| B | 6.1  | 6.0  |

| Length=XXX | Step | Tolerance |
|------------|------|-----------|
| 30 to 100  | 10   | ±2        |
| 110 to 200 |      | ±3        |
| 225 to 300 | 25   | ±5        |
| 325 to 400 |      | ±10       |

E.g. XXX=060 means length is 60±2, the part number is R302.255.015 060

All dimensions are in mm.



- \* 1 \* Connector A : **MML H2.5 PLUG (gold plated)**
  - \* 2 \* Connector B : **RP SMA JACK BULKHEAD (gold plated)**
  - \* 3 \* Cable **1.37/50S BLACK**
- Type

## ELECTRICAL CHARACTERISTICS

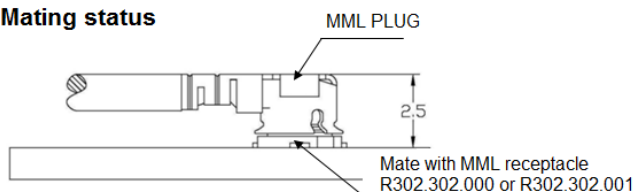
|                                 |               |                 |
|---------------------------------|---------------|-----------------|
| Impedance                       | 50            | Ω               |
| Frequency                       | 0-6           | GHz             |
| Operating temperature           | -40/+90       | ° C             |
| VSWR                            | 1.3** + 0.000 | x F(GHz) Maxi   |
| Insertion loss                  | 0.73*         | √F(GHz) dB Maxi |
| Voltage rating                  | 250           | Veff Maxi       |
| Dielectric withstanding voltage | 300           | Veff mini       |
| Insulation resistance           | 500           | MΩ mini         |

## SPECIFICATION

|                 |        |        |
|-----------------|--------|--------|
| Weight          | 3.000* | g      |
| Cable retention | 4      | N mini |
| Mating life     | 30     | Cycles |

Others  
**\*\*VSWR up to 3GHz 1.3 max**  
**Up to 6GHz 1.5 max**

## Mating status



| Length     | *Insertion loss(Maxi) | *Weight(Maxi) |
|------------|-----------------------|---------------|
| 30 to 100  | 0.73 dB               | 3.00 g        |
| 110 to 200 | 1.16 dB               | 3.5 g         |
| 225 to 400 | 2.02 dB               | 4.10 g        |

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