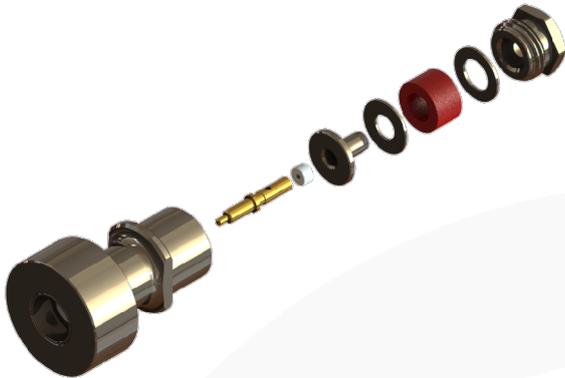
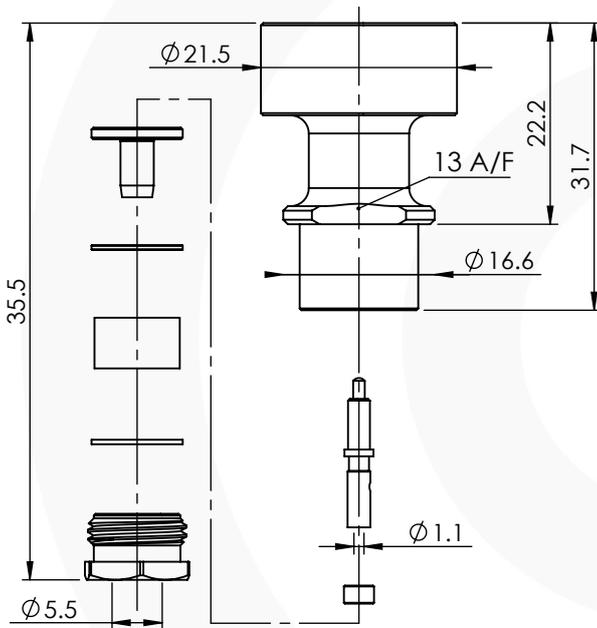


## MAGNETIC COUPLED PLUG 99M-017-H3-AH



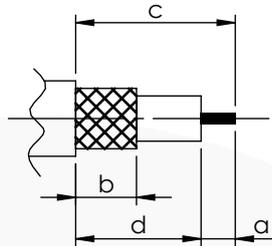
images for illustration purposes only



### Suitable for Cables:

(AH) RG58, RG141, LMR195, URM43, URM76, WBC195, PSF 1/6, KX15, KX23

### Stripping Dimensions



- a = 7.0 mm
- b = 3.0 mm
- c = 9.0 mm
- d = 2.0 mm

\* CUT FOIL TO DIM. "b"

### Assembly Procedure:

#### Tooling

- Centre Contact: Solder Tool No: Solder
- Crimp Sleeve: Not Applicable Tool No: Not Applicable
- Alignment Tool: Not Applicable Extraction: Not Applicable

### Environmental Specification

Operating Temp: -55 to +125 Deg C.  
IP Rating (Mated): NONE

### Electrical Specification

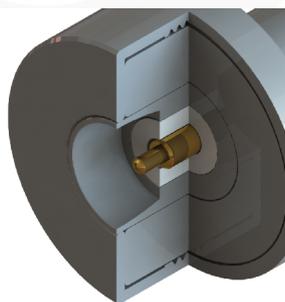
Impedance: 50 Ohm  
Frequency: 0-1 GHz  
Dielectric W/V: 1500 Veff  
Insulation res: 5000 M-Ohm

### Mechanical Specification

Contact Retention: 27 N min  
Cable Retention: 150 N min  
Mating cycles: 10000  
Weight: 41.68 g

### Connector Interface

image for illustration purposes only



| ITEM | DESCRIPTION    | MATERIAL        | PLATING    |
|------|----------------|-----------------|------------|
| 8    | TOP HAT        | BRASS           | NICKEL     |
| 7    | WASHERS        | BRASS           | NICKEL     |
| 6    | SPRING         | STAINLESS STEEL | GOLD       |
| 5    | MAGNET         | NEODYMIUM       | NICKEL     |
| 4    | CABLE CLAMP    | SILICONE        | N/A        |
| 3    | INSULATOR      | PTFE            | N/A        |
| 2    | CENTRE CONTACT | BRASS           | GOLD       |
| 1    | BODIES & NUT   | STAINLESS STEEL | PASSIVATED |

|   |              |                               |           |            |
|---|--------------|-------------------------------|-----------|------------|
| <b>A4</b>   | SHEET 1 OF 1 | DIMENSIONS ARE IN MILLIMETRES |           |            |
| REVISION :  | A00          | NAME                          | SIGNATURE | DATE       |
| ISSUE :   | 1            | DRAWN                         | G.E.      | 13/09/2022 |
|   |              | CHK'D                         | P.S.      | 13/09/2022 |
|   |              | APPV'D                        |           |            |
| 6-8 COLNE ROAD,<br>TWICKENHAM,<br>MIDDLESEX.<br>TW1 4JR   |              |                               |           |            |
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