I. MATERIAL AND FINISH (PLATING THICKNESS IN MICRO-INCHES):

BODY - BRASS , GOLD PLATING CONTACT - BRASS, GOLD PLATING INSULATOR - PTFE, NATURAL

2. ELECTRICAL:

A. IMPEDANCE:50 OHM

B. FREQUENCY RANGE: DC-3 GHz

C. DIELECTRIC WITHSTANDING VOLTAGE: 375 VRMS MIN.

D. INSULATION RESISTANCE: 5000 OHMS MIN.

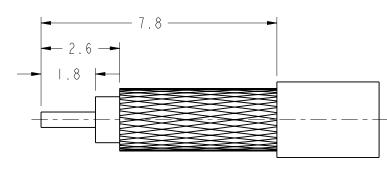
3. MECHANICAL:

A.TEMPERATURE RANGE: -65°C TO +150°C

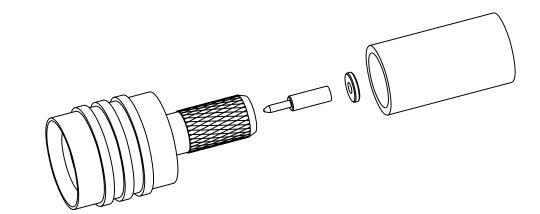
4. CRIMPED FERRULE

HEX CRIMP SIZE .128"

5. CONTACT PIN TO SOLDER



RECOMMENDED CABLE STRIPPING DIM'S



REVISIONS

DATE

15-Nov-13

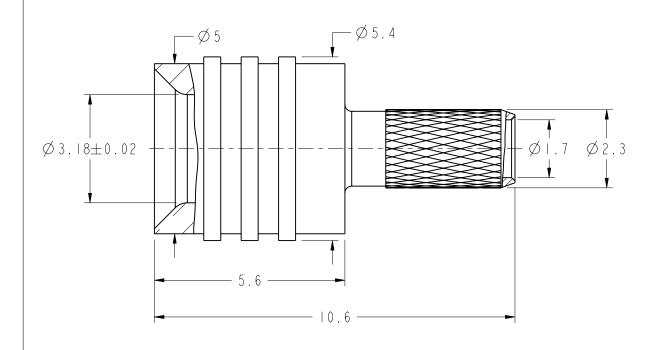
ECO

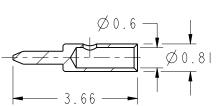
APPR

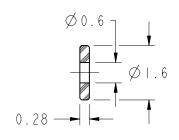
ZΖ

DESCRIPTION

PRELIMINARY RELEASE

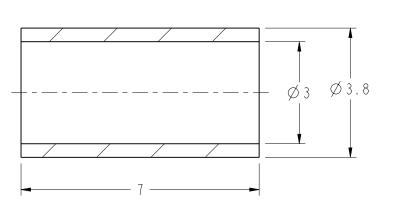






THIRD ANGLE PROJ.  $\oplus$ 

REV



## **CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

| U.5 - 6mm   | 6 - 3UMM           | 30 - IZUMM           | ANGLES               |
|---|--------------------|----------------------|----------------------|
| $\pm$ 0 . Imm   | $\pm$ 0.2mm        | ± 0.3mm              | ± I°                 |
| NOTICE - These drawings, s                              | specifications, or | other data (I) are,  | and remain the       |
| property of Amphenol corp.                              | (2) must be retu   | urned upon requiest; | and (3) arre         |
| confidential and not to be                              |                    |                      |                      |
| are given by Amphenol Corp                              |                    |                      |                      |
| other data by Amphenol Cor                              |                    |                      |                      |
| not to be regarded by impl                              |                    |                      |                      |
| rights to permitting such<br>product, process or design |                    |                      |                      |
| or disclosed by said drawi                              |                    |                      | ny way be related to |
| or arretored by said arami                              | ngs, specification | is, or other data.   |                      |

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

| MATERIAL                      | 7.7HFNG          | DATE<br>15-Nov-13 | SMP B  |  |
|-------------------------------|------------------|-------------------|--------|--|
|                               | ENGINEER         | DATE              | (FOR   |  |
| REFERENCE                     | APPROVED         | DATE              | SCALE: |  |
| ONFIGURATION LEVEL: EAR #4897 | CAD FILE         | CAD FILE          |        |  |
| FINISH                        | I:/SMP/SMPIIIIAI | -3GT5G-316U-50    |        |  |

T D D A W/NI

| SMP BULKHEAD STRAIGHT<br>(FOR RG-316/U CABLE) | JACK |
|---|------|
|   |      |

74868

|           |         |        | DRAWING NO.SMPIIIIAI-3GT5G-316U-50 |
|-----------|---------|--------|------------------------------------|
| 7.0:1.0   | СПЕЕТ   | 2 OF 2 |                                    |
| . 1.0.1.0 | SHELL   | 2 01 2 | ITEM NO. 371111AAA36DV5F           |
| G SIZE    | CODE ID | RFV    | THEM NO. STITTINGOUVST             |
| 0 0 1 2 2 | 0000    | 11.2   |                                    |

| ITEM            | NO   | 37111 | IAAA36    | DV5F |  |
|-----------------|------|-------|-----------|------|--|
| 1 1 1 1 1 1 1 1 | 110. | 01111 | 171717100 | DVJI |  |
| PART            | NO.  |       |           |      |  |
|                 |      |       |           |      |  |

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