

| LOC | DIST | REVISIONS     |  |  |         |         |
|-----|------|---------------|--|--|---------|---------|
| P   | LTR  | DESCRIPTION   |  |  | DATE    | APVD    |
|     |      |               |  |  | DWN     |         |
|     | C    | ECR-05-017969 |  |  | 17JAN06 | JMS FWK |

NOTES:

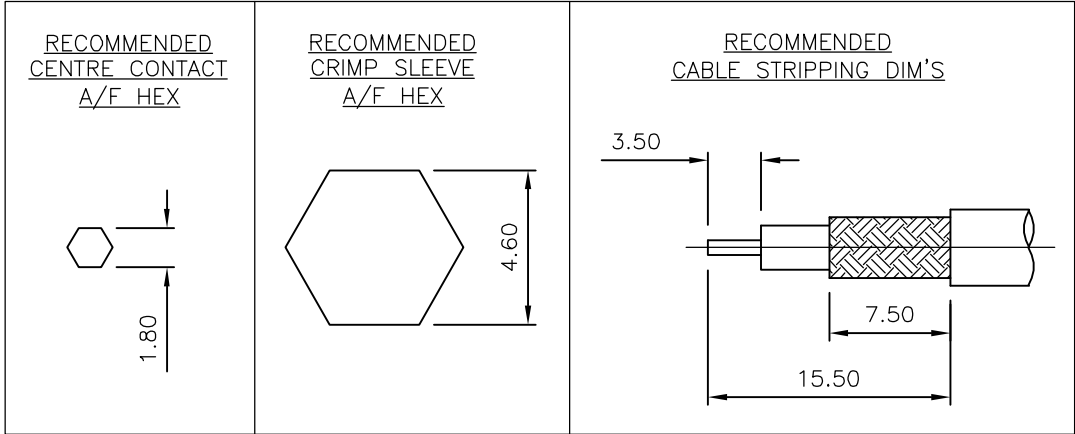
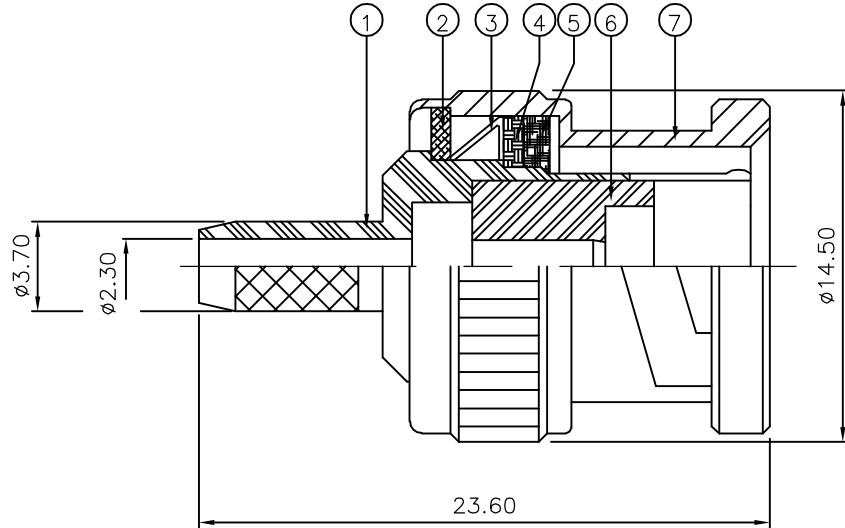
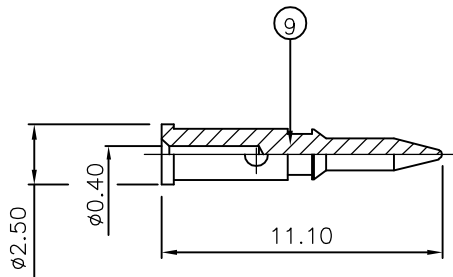
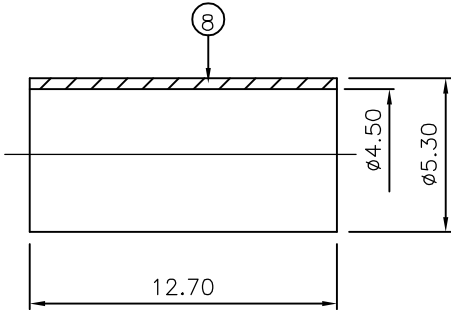
- 1 PACK IN ACCORDANCE WITH AMP SPEC 107-3275
- 2 100 TRAY PACK IN ACCORDANCE WITH AMP SPEC 107-3275
- 3 Au PLATING
- 4 Ni PLATING
- 5 THIS ITEM MUST BE WHITE

- 6 HAND TOOL : 9-1478240-0
- 7 DIE SET : 9-1478245-0

- 8 ELECTRICAL CHARACTERISTICS  
FREQUENCY RANGE: DC - 2 GHz  
NOMINAL IMPEDANCE: 75 Ohm  
INSULATION RESISTANCE: 5000 MOhm  
WORKING VOLTAGE: 500 Volts RMS at Sea Level  
DIELECTRIC WITHSTAND VOLTAGE: 1500 Volts RMS Max  
CONTACT RESISTANCE:  
CENTRE CONTACT: 1.50 mOhm Max  
OUTER CONTACT: 0.20 mOhm Max  
VSWR @ 2GHz: 1.20:1 Max  
INSERTION LOSS dB @ x 2 GHz: 0.20 Max

- 9 MECHANICAL CHARACTERISTICS  
COUPLING RETENTION FORCE: 445N Min  
CABLE RETENTION FORCE: 85N Min  
DURABILITY: 500 Cycles Min

- 10 ENVIRONMENTAL CHARACTERISTICS  
OPERATING TEMPERATURE: -65 to +165 DegC



|                   |  |      |      |                |   |                |      |
|-------------------|--|------|------|----------------|---|----------------|------|
|                   |  | 1    | 1    | BRASS          | 3 | CONTACT        | 9    |
|                   |  | 1    | 1    | BRASS          | 4 | FERRULE        | 8    |
|                   |  | 1    | 1    | BRASS          | 4 | SHELL          | 7    |
|                   |  | 1    | 1    | PTFE           |   | INSULATION     | 6    |
|                   |  | 1    | 1    | SILICON RUBBER | 5 | GASKET         | 5    |
|                   |  | 1    | 1    | BRASS          | 4 | RETAINING RING | 4    |
|                   |  | 1    | 1    | SPRING STEEL   |   | SPRING         | 3    |
|                   |  | 1    | 1    | BRASS          | 4 | WASHER         | 2    |
|                   |  | 1    | 1    | BRASS          | 4 | BODY           | 1    |
|                   |  | 6--0 | 1--0 | MATERIAL       |   | DESCRIPTION    | ITEM |
|                   |  | 2    | 1    |                |   |                |      |
| QUANTITY PER ASSY |  |      |      | PARTS LIST     |   |                |      |

|                                        |  |                  |                |         |                                                                                        |           |               |
|----------------------------------------|--|------------------|----------------|---------|----------------------------------------------------------------------------------------|-----------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN              | J.SANDWELL     | 17JAN06 | <b>tyco</b><br>Tyco Electronics Corporation<br><b>Electronics</b><br>Bideford EX39 4HE |           |               |
|                                        |  | CHK              | S.PARLOW       | 17JAN06 |                                                                                        |           |               |
|                                        |  | APVD             | F.WHEELER-KING | 17JAN06 | NAME                                                                                   |           |               |
|                                        |  | PRODUCT SPEC     |                |         | BNC STRAIGHT PLUG CRIMP 75 OHM                                                         |           |               |
|                                        |  | APPLICATION SPEC |                |         | BT3002                                                                                 |           |               |
|                                        |  | 411-3247         |                |         | -                                                                                      |           |               |
|                                        |  | WEIGHT           |                |         | SIZE                                                                                   | CAGE CODE | RESTRICTED TO |
|                                        |  | -                |                |         | A3                                                                                     | 00779     | -             |
|                                        |  | CUSTOMER DRAWING |                |         | SCALE                                                                                  |           |               |
|                                        |  |                  |                |         | NTS                                                                                    |           |               |
|                                        |  |                  |                |         | SHEET                                                                                  | 1 OF 1    | REV           |
|                                        |  |                  |                |         | C                                                                                      |           |               |