

| LOC | DIST | REVISIONS |     |               |  |         |         |
|-----|------|-----------|-----|---------------|--|---------|---------|
|     |      | P         | LTR | DESCRIPTION   |  | DATE    | APVD    |
| E   | B    |           | C   | ECR-06-001518 |  | 25JAN06 | 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

ELECTRICAL CHARACTERISTICS

FREQUENCY RANGE:DC - 1 GHz

NOMINAL IMPEDANCE:50 Ohm

INSULATION RESISTANCE:5000 MOhm

WORKING VOLTAGE:500 Volts RMS at Sea Level

DIELECTRIC WITHSTAND VOLTAGE:1500 Volts RMS Max

CONTACT RESISTANCE:1.50 mOhm Max

CENTRE CONTACT:0.20 mOhm Max

VSWR @ xGHz:TBA

INSERTION LOSS xdb:TBA
- 7

MECHANICAL CHARATERISTICS

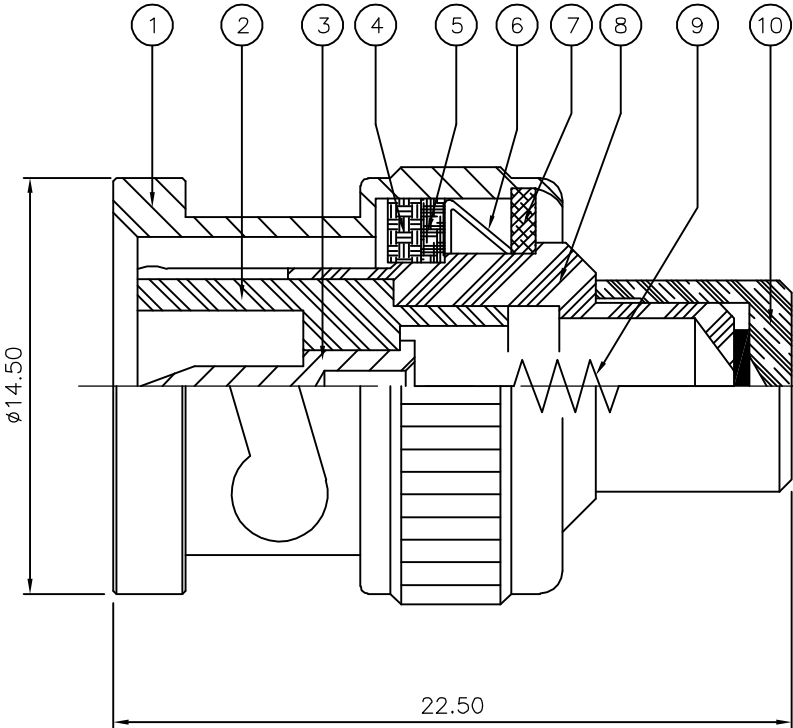
COUPLING RETENTION FORCE:445N

CABLE RETENETION FORCE:N/A

DURABILITY:500 Cycles Min
- 8

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE:-65 to +165 DegC



|  |  |      |      |                 |   |                |      |
|--|--|------|------|-----------------|---|----------------|------|
|  |  | 1    | 1    | BRASS           | 4 | CAP            | 10   |
|  |  | 1    | 1    | 1/2W-500HM      |   | RESISTOR       | 9    |
|  |  | 1    | 1    | BRASS           | 4 | BODY           | 8    |
|  |  | 1    | 1    | BRASS           | 4 | WASHER         | 7    |
|  |  | 1    | 1    | SPRING STEEL    |   | SPRING         | 6    |
|  |  | 1    | 1    | BRASS           | 4 | RETAINING RING | 5    |
|  |  | 1    | 1    | SILICONE RUBBER | 5 | GASKET         | 4    |
|  |  | 1    | 1    | BRASS           | 3 | CONTACT        | 3    |
|  |  | 1    | 1    | PTFE            |   | INSULATION     | 2    |
|  |  | 1    | 1    | BRASS           | 4 | SHELL          | 1    |
|  |  | 6--0 | 1--0 | MATERIAL        |   | DESCRIPTION    | ITEM |

|                                                             |           |                                                   |                 |
|-------------------------------------------------------------|-----------|---------------------------------------------------|-----------------|
| QUANTITY PER ASSY                                           |           | PARTS LIST                                        |                 |
| <div><div><div>tyco</div><div>Electronics</div></div></div> |           | Tyco Electronics Corporation<br>Bideford EX39 4HE |                 |
| NAME<br>BNC PLUG TERMINATION 50 OHM +/- 1.0%<br>—<br>—      |           |                                                   |                 |
| SIZE                                                        | CAGE CODE | DRAWING NO                                        | RESTRICTED TO   |
| A3                                                          | 00779     | C-1337523                                         | —               |
|                                                             |           | SCALE<br>NTS                                      | SHEET<br>1 OF 1 |
|                                                             |           | REV<br>C                                          |                 |