

| LOC | DIST | REVISIONS |     |               |         |     |      |
|-----|------|-----------|-----|---------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION   | DATE    | DWN | APVD |
| E   | B    |           | C   | ECR-06-002568 | 06FEB06 | 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 HAND TOOL : 9-1478240-0

5 DIE SET : 9-1478248-0

6 ELECTRICAL CHARACTERISTICS

FREQUENCY RANGE:DC - 4 GHz

NOMINAL IMPEDANCE:50 Ohm

INSULATION RESISTANCE:1000 MOhm

WORKING VOLTAGE:250 Volts RMS at Sea Level

DIELECTRIC WITHSTAND VOLTAGE:750 Volts RMS Max

CONTACT RESISTANCE:

CENTRE CONTACT:6.00 mOhm Max

OUTER CONTACT:1.00 mOhm Max

VSWR @ 3GHz:1.63:1

INSERTION LOSS dB @ x 1.5 GHz:0.60 Max

7 MECHANICAL CHARACTERISTICS

COUPLING NUT RETENTION FORCE:N/A

CABLE RETENTION FORCE:

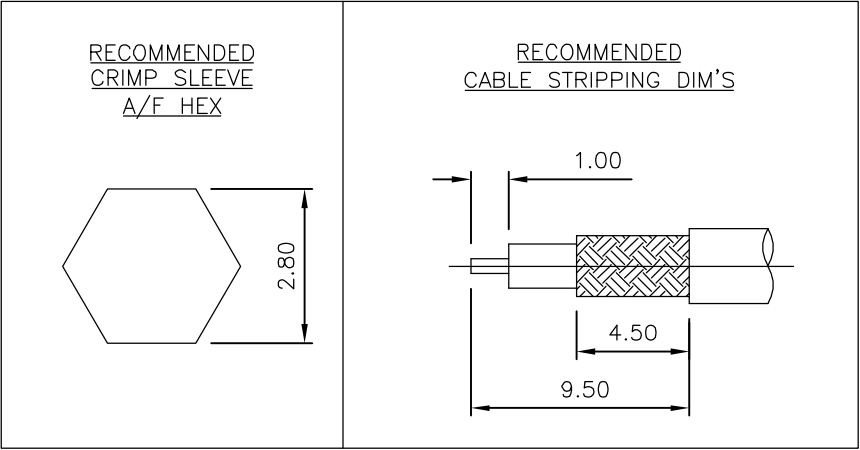
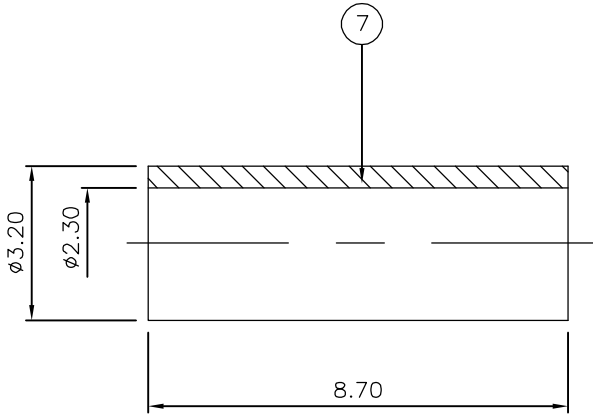
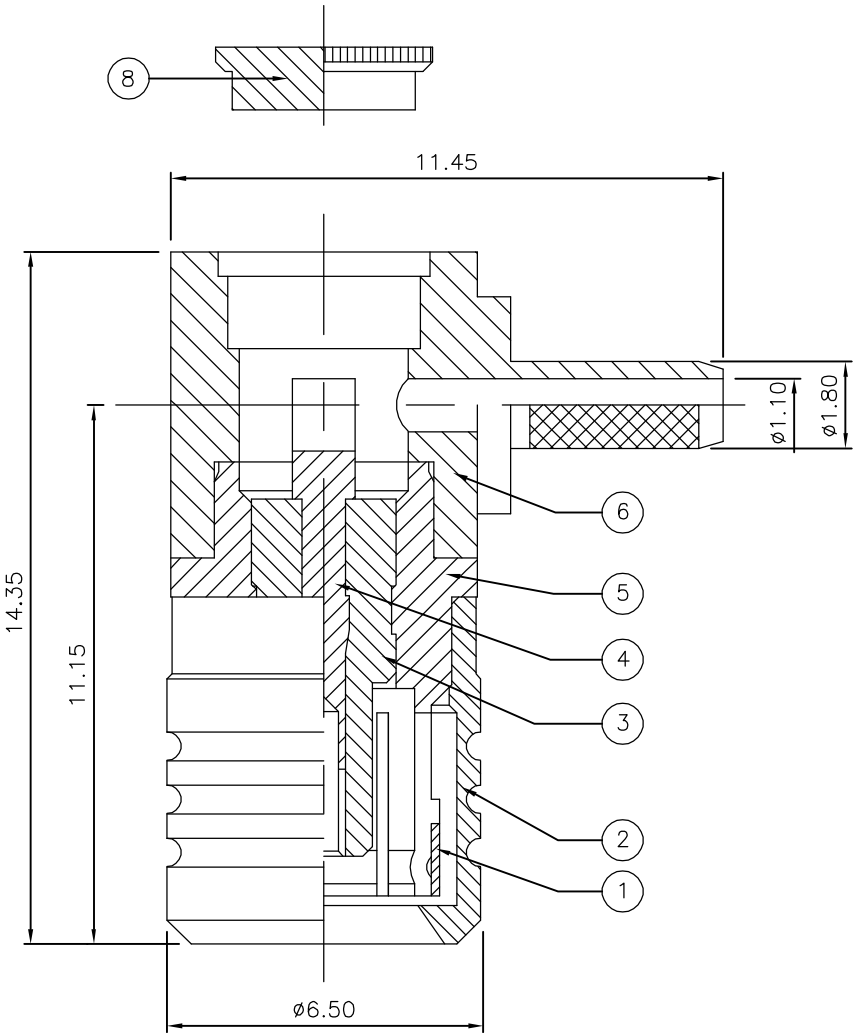
"RG174A/U, 188A/U, 316/U, URM95:"85N Min

"RG178B/U, 196A/U:"25N Min

DURABILITY:500 Cycles Min

8 ENVIRONMENTAL CHARACTERISTICS

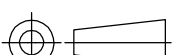
OPERATING TEMPERATURE:-65 to +165 DegC



|  |  |      |      |                  |   |             |      |
|--|--|------|------|------------------|---|-------------|------|
|  |  | 1    | 1    | BRASS            | 3 | CAP         | 8    |
|  |  | 1    | 1    | BRASS            | 3 | FERRULE     | 7    |
|  |  | 1    | 1    | BRASS            | 3 | BODY        | 6    |
|  |  | 1    | 1    | BRASS            | 3 | CHASSIS     | 5    |
|  |  | 1    | 1    | BERYLLIUM COPPER | 3 | CONTACT     | 4    |
|  |  | 1    | 1    | PTFE             |   | INSULATION  | 3    |
|  |  | 1    | 1    | BRASS            | 3 | SHELL       | 2    |
|  |  | 1    | 1    | BERYLLIUM COPPER | 3 | SPRING      | 1    |
|  |  | 6--0 | 1--0 | MATERIAL         |   | DESCRIPTION | ITEM |
|  |  | 2    | 1    |                  |   |             |      |

QUANTITY PER ASSY

PARTS LIST

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| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>J.SANDWELL                | 06FEB06 | <div><b>tyco</b></div> <div><b>Electronics</b></div> |  | Tyco Electronics Corporation                             |  |
|                                                                                       |  | CHK<br>S.PARLOW                  | 06FEB06 |                                                      |  | Bideford EX39 4HE                                        |  |
| DIMENSIONS:<br><br>mm                                                                 |  | APVD<br>F.WHEELER-KING           |         | NAME                                                 |  | SMB ELBOW PLUG CRIMP 50 OHM<br>RG178B/U, 196A/U & URM110 |  |
|  |  | PRODUCT SPEC<br><br>—            |         | SIZE                                                 |  | CAGE CODE                                                |  |
|                                                                                       |  | APPLICATION SPEC<br><br>411-3250 |         |                                                      |  |                                                          |  |
| MATERIAL<br><br>SEE TABLE                                                             |  | WEIGHT<br><br>—                  |         | DRAWING NO                                           |  | RESTRICTED TO                                            |  |
|                                                                                       |  |                                  |         | A3 00779                                             |  | C-1337600                                                |  |
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