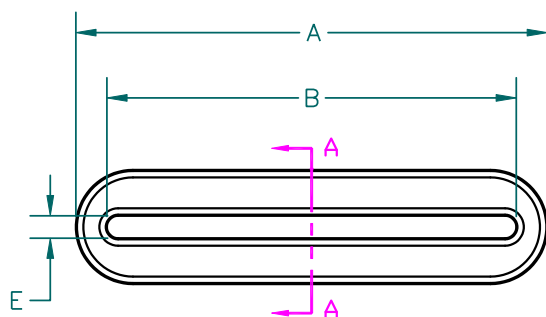
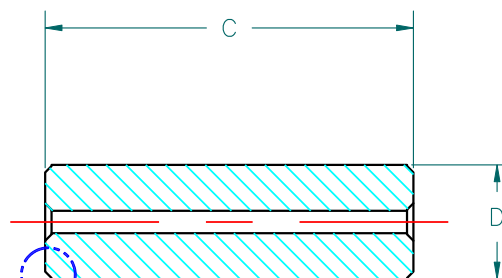
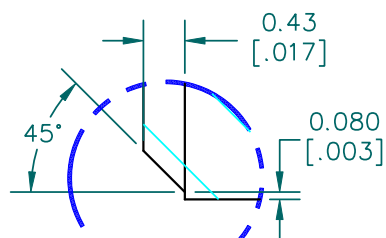




DETAIL A



SECTION A-A



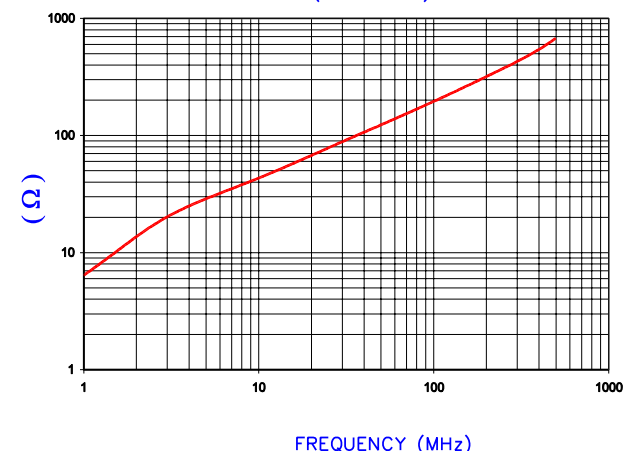
DETAIL A  
SCALE 6:1

UNCONTROLLED  
DOCUMENT

IMPEDANCE ( Z )

| Frequency     | 25 MHz      | 100 MHz      | 300 MHz      |
|---------------|-------------|--------------|--------------|
| Nominal (REF) | 78 $\Omega$ | 192 $\Omega$ | 418 $\Omega$ |
| Minimum       | - $\Omega$  | 173 $\Omega$ | - $\Omega$   |

Z vs. FREQUENCY  
(REF. ONLY)



AGILENT E4991A Impedance/Material Analyzer  
HP 16092A Test Fixture, REF # 2991

FERRITE CORE DIMENSIONS (SPEC):mm[Inches]

|   |               |   |             |
|---|---------------|---|-------------|
| A | 32.00 [1.260] | + | 0.50 [.020] |
| B | 27.80 [1.094] | + | 0.50 [.020] |
| C | 25.00 [.984]  | + | 1.00 [.039] |
| D | 7.75 [.305]   | + | 0.50 [.020] |
| E | 1.50 [.060]   | + | 0.50 [.020] |

WEIGHT/1000 23.74 kgs [52.34 Lbs]

SCALE DRAWING 1:1



28R1259-200

DIMENSIONS ARE IN mm[INCHES].

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**Steward**

| REV                  | DESCRIPTION                                                                | DATE     | INT   |
|----------------------|----------------------------------------------------------------------------|----------|-------|
| F                    | UPDATE MIN Z SPEC@100 Mhz, ADD REF #                                       | 02/03/04 | JRK   |
| E                    | UPDATE FORMAT CURVE & Z SPECS                                              | 05/06/03 | JRK   |
| D                    | UPDATE TO CNZ FORMAT ADD Z CURVE                                           | 07/29/02 | JRK   |
| C                    | UPDATE PRINT, ADJUST IMPEDANCE VALUES COR. DETAIL "A", CORRECT PART WEIGHT | 02/26/02 | JRK   |
| B                    | CHG Z SPECS & FIRED WEIGHT                                                 | 06/02/99 | BAC   |
| A                    | ORIGINAL DRAFT                                                             | 03/17/98 | DTR   |
| PROJECT/PART NUMBER: | 28R1259-200                                                                |          |       |
| DATE:                | 03/17/98                                                                   | SCALE:   | 3 : 1 |
| CAD #                | 28R1259-200-F                                                              | TOOL #   | R1259 |
| REV                  | DESCRIPTION                                                                | DATE     | INT   |
|                      |                                                                            |          |       |

| REV                  | DESCRIPTION                                                                | DATE     | INT   |
|----------------------|----------------------------------------------------------------------------|----------|-------|
| F                    | UPDATE MIN Z SPEC@100 Mhz, ADD REF #                                       | 02/03/04 | JRK   |
| E                    | UPDATE FORMAT CURVE & Z SPECS                                              | 05/06/03 | JRK   |
| D                    | UPDATE TO CNZ FORMAT ADD Z CURVE                                           | 07/29/02 | JRK   |
| C                    | UPDATE PRINT, ADJUST IMPEDANCE VALUES COR. DETAIL "A", CORRECT PART WEIGHT | 02/26/02 | JRK   |
| B                    | CHG Z SPECS & FIRED WEIGHT                                                 | 06/02/99 | BAC   |
| A                    | ORIGINAL DRAFT                                                             | 03/17/98 | DTR   |
| PROJECT/PART NUMBER: | 28R1259-200                                                                |          |       |
| DATE:                | 03/17/98                                                                   | SCALE:   | 3 : 1 |
| CAD #                | 28R1259-200-F                                                              | TOOL #   | R1259 |
| REV                  | DESCRIPTION                                                                | DATE     | INT   |
|                      |                                                                            |          |       |

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