

28F0181-1SR-10

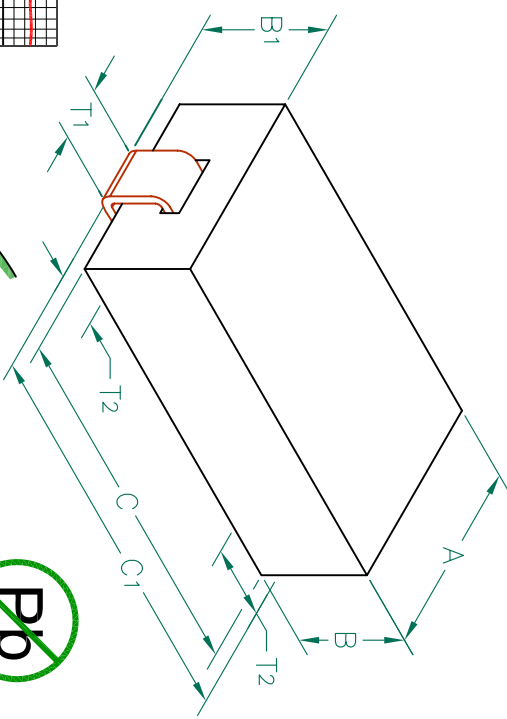
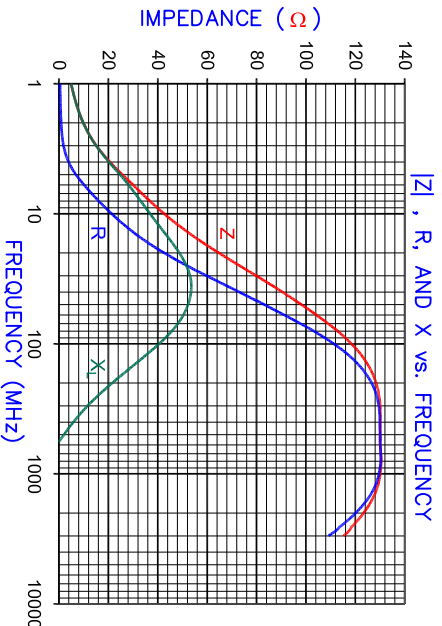
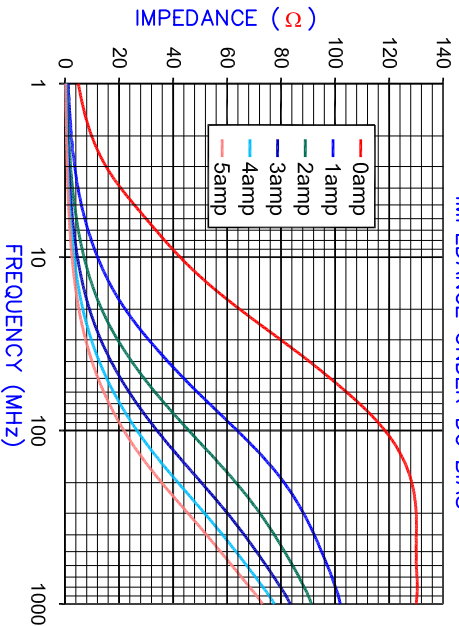
PHYSICAL DIMENSIONS:

A	4.57 [.180]	±	0.08 [.003]
B	2.54 [.100]	±	0.08 [.003]
B ₁	3.05 [.120]	±	MAX
C	8.51 [.335]	±	0.23 [.009]
C ₁	9.53 [.375]	±	MAX

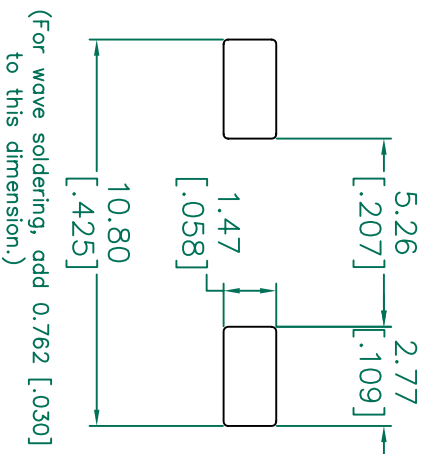
WIRE DIMENSIONS:

T ₁	1.27 [.050]	±	REF.
T ₂	1.52 [.060]	±	0.51 [.020]

Z vs. FREQUENCY
IMPEDANCE UNDER DC BIAS



LAND PATTERNS FOR REFLOW SOLDERING



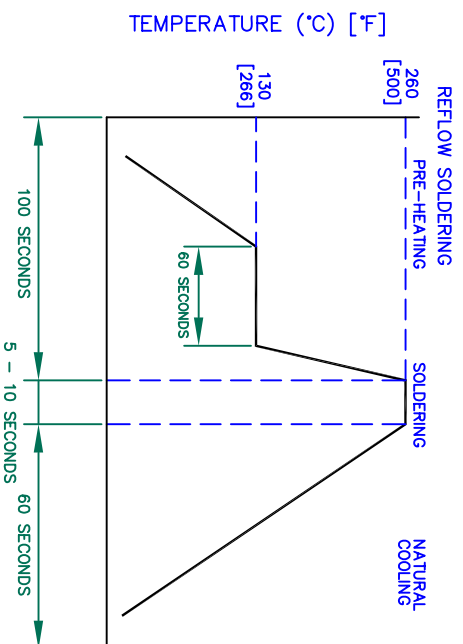
ELECTRICAL CHARACTERISTICS:

	Z (Ω) @		DCR	Rated Current
	25MHz	100MHz		
Nominal	67	115		
Minimum	-	87		
Maximum	-	144	.001	10,000 mA

NOTES: UNLESS OTHERWISE SPECIFIED

- TAPED AND REELED per CURRENT EIA SPECS. 13" REELS, 2,500 pcs/REEL.
- COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
- REF. CARRIER TAPE SPECIFICATION # CART181-13.
- TERMINATION FINISH IS 100% TIN.

RECOMMENDED SOLDERING CONDITIONS



DIMENSIONS ARE IN mm [INCHES].

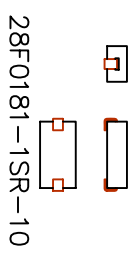
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REV	DESCRIPTION	DATE	INT	REV	PART TYPE	DRWN BY:
A	ORIGINAL DRAFT	04/22/04	JRK	F	ASSEMBLY	JRK
B	CORRECT CURRENT RATING	01/12/06	JRK			
C	UPDATE COMPANY LOGO	04/19/07	JRK			
D	UPDATE COMPANY LOGO	10/24/08	JRK			
E	UPDATE LAND PATTERN ADD ROHS	02/26/09	JRK			
F	CHANGE REFLOW TEMPERATURE	02/10/11	JUN			

UNCONTROLLED DOCUMENT

SCALE DRAWING 1:1

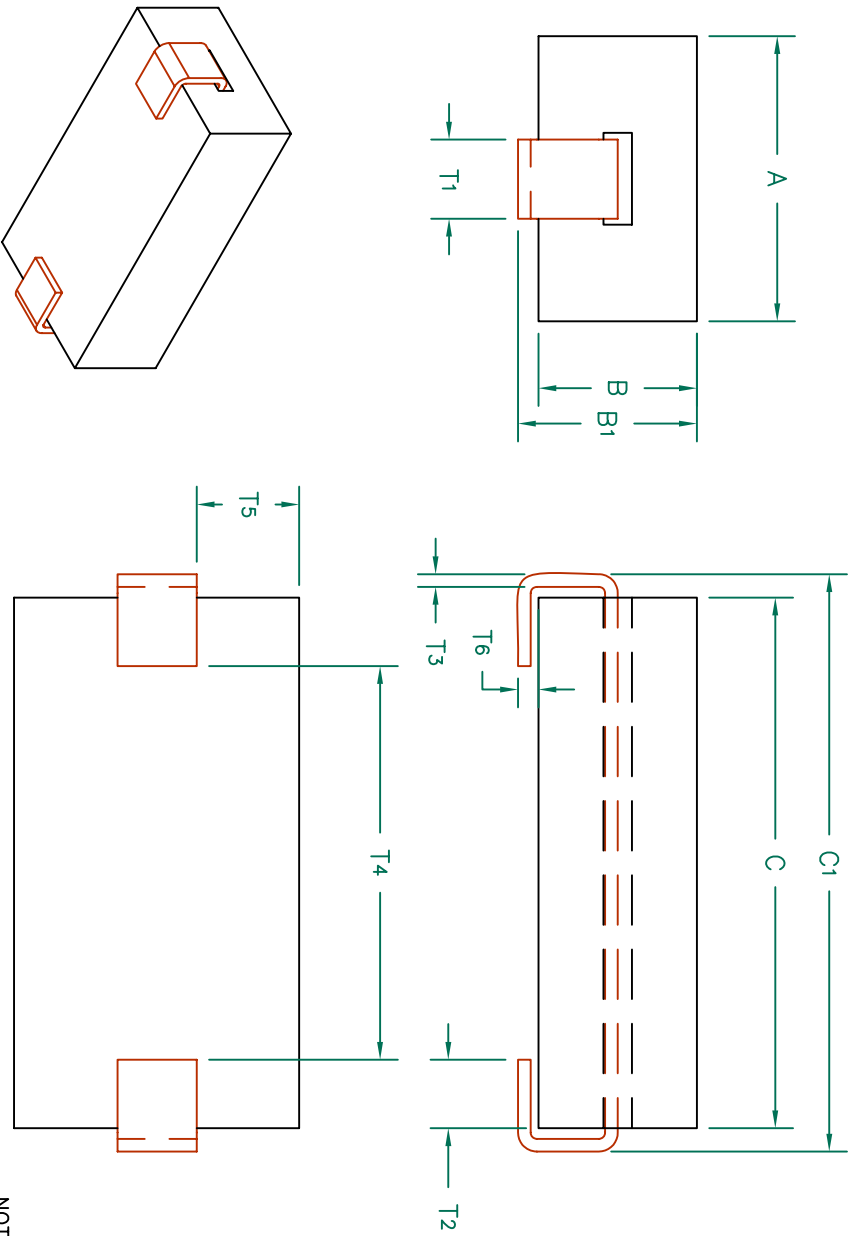


28F0181-1SR-10



ELECTRICAL TESTING

TEST:	Z	Z
# TURNS	1	1
AWG	-	-
FREQUENCY	25 MHz	100 MHz
NOMINAL	67 Ω	115 Ω
MINIMUM	- Ω	87 Ω
MAXIMUM	- Ω	144 Ω
WEIGHT/1000	.046 kgs.	1.02 lbs.



DIMENSIONS:

A	4.57 [.180]	+	0.08 [.003]
B	2.54 [.100]	+	0.08 [.003]
B ₁	3.05 [.120]	+	MAX
C	8.51 [.335]	+	0.23 [.009]
C ₁	9.53 [.375]	+	MAX



UNCONTROLLED DOCUMENT

- NOTES: UNLESS OTHERWISE SPECIFIED
1. WIRE: FLAT, OXYGEN FREE COPPER 1.27 X 0.20 [.050 X .008] PLATED 100% TIN OVER NICKEL. TIN THICKNESS: 0.005 [.0002], NICKEL THICKNESS: 0.0002 [.00008].
 2. IMPEDANCE VALUES ARE GROSS, MEASURED USING W0121 WIRE w/ NO D.C. BIAS.
 3. REFERENCE STEWARD WIRE PURCHASE SPEC. W0121-*
 4. *ON = PARYLENE COATED (.00025" TH).
 5. REFERENCE STEWARD CORE P/N 28H0181-100.
 6. T6 MEASURED ON COMPARATOR WITH TERMINALS UP.
 7. TERMINATION FINISH IS 100% TIN.

WIRE DIMENSIONS:

T ₁	1.27 [.050]	+	REF.
T ₂	1.52 [.060]	+	0.51 [.020]
T ₃	0.20 [.008]	+	REF.
T ₄	5.97 [.235]	+	TYP.
T ₅	1.65 [.065]	+	0.25 [.010]
T ₆	0.43 [.017]	+	MAX

REV	DESCRIPTION	DATE	INT	PROJ/PART NUMBER	REV	PART TYPE	DRAWN BY
A	ORIGINAL DRAFT	04/22/04	JRK	28F0181-1SR-10	F	ASSEMBLY	JRK
B	CORRECT CURRENT RATING	01/12/06	JRK				
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DATE:	04/22/04	SCALE:	8:1	SHEET:	3 of 3
CAD #:	28H0181-1SR-10-3-F	TOOL #:	H0181		