

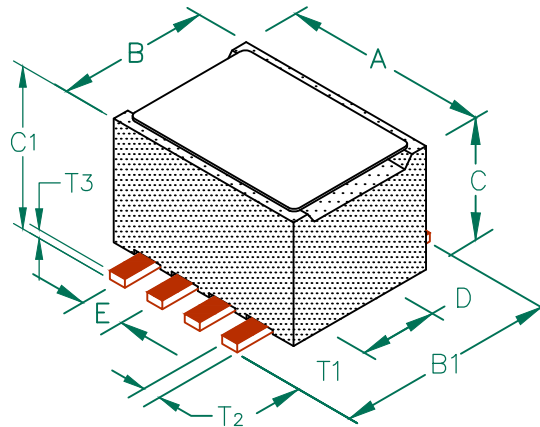
29F0418-1SR-10

PHYSICAL DIMENSIONS:

A	6.10 [.240]	+ 0.13 [.005]
B	4.50 [.177]	+ 0.08 [.003] - 0.10 [.004]
B1	7.04 [.277]	+ MAX
C	4.19 [.165]	+ 0.10 [.004]
C1	4.83 [.190]	+ MAX
D	2.24 [.088]	+ 0.08 [.003]
E	1.27 [.050]	+ 0.13 [.005]

WIRE DIMENSIONS:

T1	2.16 [.085]	+ 0.25 [.010]
T2	0.50 [.020]	+ TYP.
T3	0.25 [.010]	+ TYP.



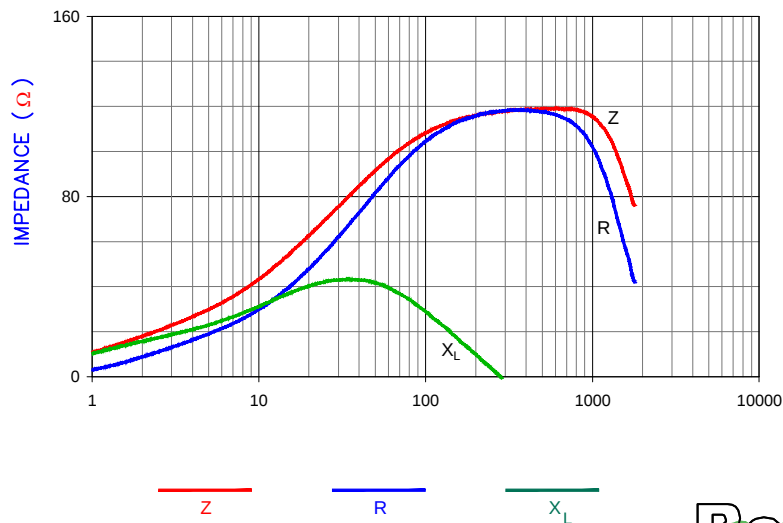
ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	119	
Minimum	90	
Maximum	149	0.01 6,000 mA

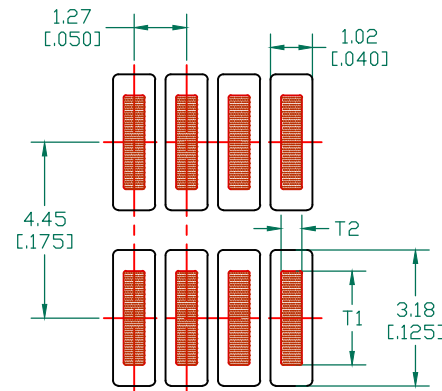
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 900 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPECIFICATION # CART 418-13.
4. TERMINATION FINISH IS 100% TIN.
5. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40 ~ +125°C.

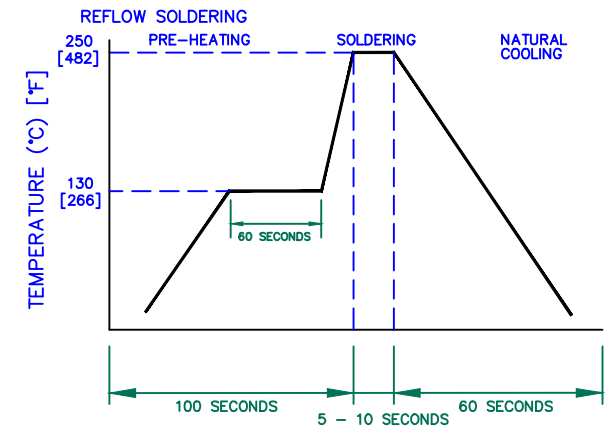
|Z|, R, AND X vs. FREQUENCY



LAND PATTERNS FOR REFLOW SOLDERING

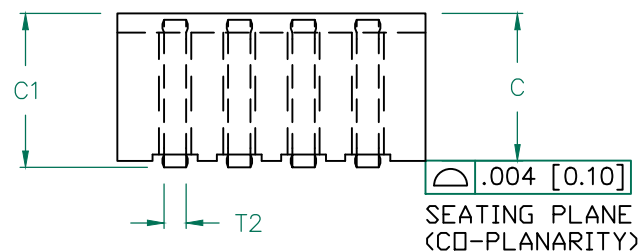
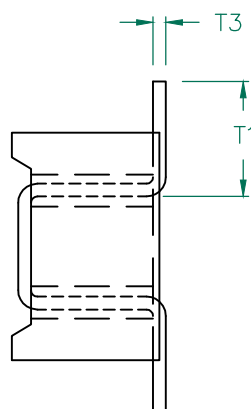
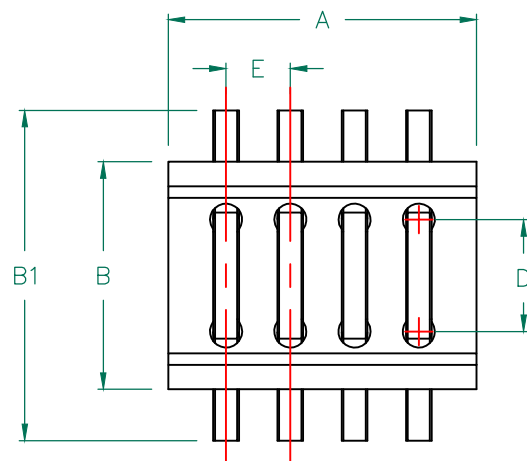


RECOMMENDED SOLDERING CONDITIONS

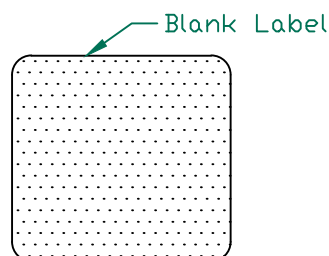


DIMENSIONS ARE IN mm (INCHES).				This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved.			
E	ADD NOTE 5	08/30/12	QIU	PROJECT/PART NUMBER: 29F0418-1SR-10 DATE: 04/27/04 CAD # 29F0418-1SR-10-E-1			
D	UPDATE COMPANY LOGO	10/21/08	JRK				
C	UPDATE COMPANY LOGO	05/01/07	JRK				
B	CHANGE TOLS ON E DIMS, ADD ROHS	03/19/07	JRK				
A	ORIGINAL DRAFT	04/27/04	JRK				
REV	DESCRIPTION	DATE	INT	REV E PART TYPE: ASSEMBLY DRAWN BY: JRK SCALE: NTS SHEET: 1 of 2			

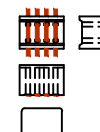
RoHS



SEATING PLANE
(CD-PLANARITY)



SCALE DRAWING 1:1



29F0418-1SR-10

ELECTRICAL TESTING

TEST:	GROSS	GROSS
# TURNS	1	1
AWG	22	22
FREQUENCY	25 MHz	100 MHz
NOMINAL	71 Ω	119 Ω
MINIMUM	- Ω	90 Ω
MAXIMUM	- Ω	149 Ω
WEIGHT/1000	0.463 kgs.	1.02 lbs.

DIMENSIONS:

A	6.10 [.240]	+	0.13 [.005]
B	4.50 [.177]	-	0.08 [.003]
B1	7.04 [.277]	+	MAX
C	4.19 [.165]	+	0.10 [.004]
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E	1.27 [.050]	+	0.13 [.005]

T ₁	2.16 [.085]	+	0.25 [.010]
T ₂	0.50 [.020]	+	TYP.
T ₃	0.25 [.010]	+	TYP.



NOTES: UNLESS OTHERWISE SPECIFIED

1. WIRE: REFERENCE STEWARD WIRE PURCHASE SPEC. W0818-*
2. IMPEDANCE VALUES ARE GROSS, MEASURED USING W0818-* WIRE PLACED IN EITHER END HOLE w/ NO D.C. BIAS.
3. REFERENCE STEWARD CORE P/N 29H0418-*00.
4. NO MORE THAN 0.18 [.007] DIFFERENCE FROM THE LONGEST TO THE SHORTEST CONDUCTOR ON ONE SIDE.
5. TERMINATION FINISH IS 100% TIN.

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E	ADD NOTE 5	08/30/12	QIU	PROJECT/PART NUMBER: 29F0418-1SR-10 DATE: 04/27/04 CAD # 29F0418-1SR-10-E-2			
D	UPDATE COMPANY LOGO	10/21/08	JRK				
C	UPDATE COMPANY LOGO	05/01/07	JRK				
B	CHANGE TOLS ON E DIMS, ADD ROHS	03/19/07	JRK				
A	ORIGINAL DRAFT	04/27/04	JRK				
REV	DESCRIPTION	DATE	INT	REV PART TYPE: DRAWN BY: E ASSEMBLY JRK SCALE: SHEET: NTS 2 of 2			

Mouser Electronics

Authorized Distributor

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