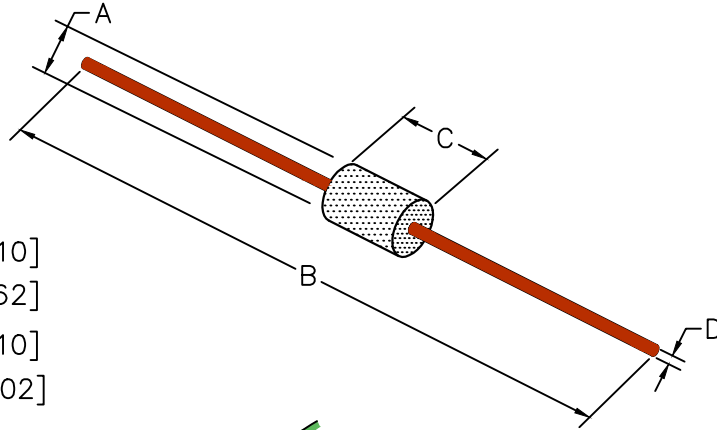


28L0138-50R-10



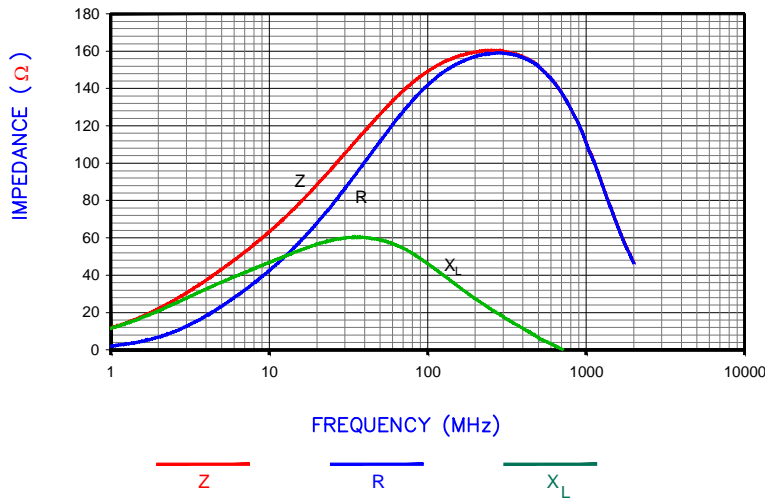
PHYSICAL DIMENSIONS:

A	3.51 [.138]	+ 0.25 [.010]
B	59.00 [2.32]	+ 1.57 [.062]
C	9.53 [.375]	+ 0.25 [.010]
D	0.64 [.025]	+ 0.05 [.002]



ELECTRICAL CHARACTERISTICS:				
	Z (Ω) @		DCR (Ω)	Rated Current
	25 MHz	100MHz		
Nominal	92	153		
Minimum	-	114		
Maximum	-	191	0.01	5,000 mA

|Z|, R, AND X vs. FREQUENCY

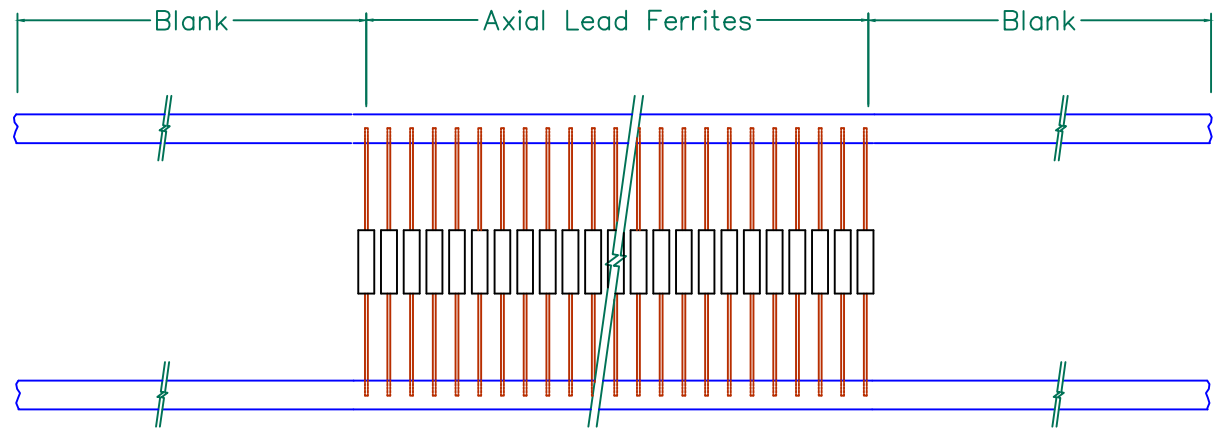
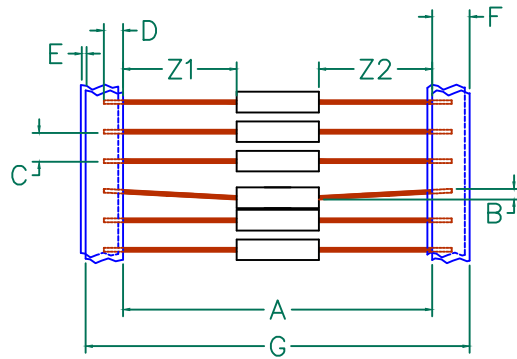


NOTES: UNLESS OTHERWISE SPECIFIED

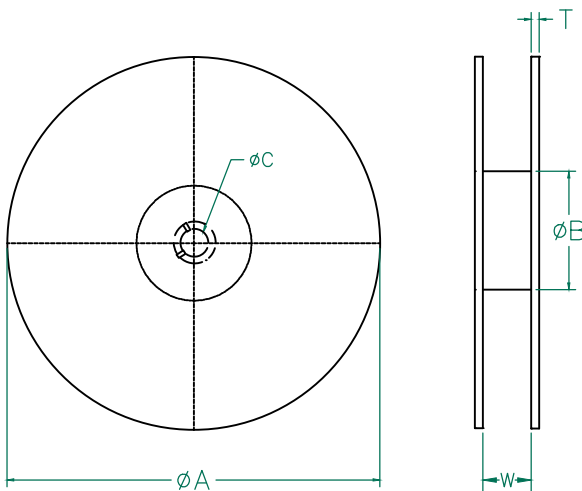
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 14" REELS, 4500 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. WIRE: C10200 OXYGEN FREE COPPER (99.95 MIN.) 22AWG (.025 DIA.)
4. PLATING: 100% TIN $5\mu \pm 2\mu$ [$200 \mu\text{in} \pm 80\mu\text{in}$]
5. WEIGHT/1000: .440 kgs. .970 lbs.
6. REFERENCE STEWARD CORE P/N 28B0138-*00.

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.		Laird				
H	UPDATE COMPANY LOGO	01/06/09	JRK	REV	H	PART TYPE:	ASSEMBLY	DRAWN BY:	BENTON	
G	ADD ROHS SYMBOL UPDATE LOGO	04/20/07	JRK	PROJECT/PART NUMBER:	28L0138-50R-10		SCALE:	NTS	SHEET:	1 of 2
F	CHANGE P/N (ADD -10) CHG NOTE 3 ADD NO LEAD SYMBOL, COR. PART WGT	10/14/03	JRK	DATE:	06/21/90	TOOL #	B0138			
E	UPDATE PRINT FORMAT REM SHEET 40F4 ADDED NOTES TO SHEET 20F3.	10/22/01	JRK	CAD #	28L0138-50R-10-H-2					
D	ADDED (*NOTE&DIM) TO SHT 30F4 CORRECTED DIM D ON SHT 2 OF 4	10/12/98	DTR	REV	DESCRIPTION	DATE	INT			
C	UPDATE PRINT FORMAT	08/06/98	DTR							

28L0138-50R-10



A	52.4 [2.06]	± 1.50 [.059]
B	1.19 [.047]	MAX.
C	5.00 [.197]	± 0.51 [.020]
D	3.18 [.125]	TYP.
E	0.81 [.032]	MAX.
F	6.35 [.250]	± 0.41 [.016]
G	65.1 [2.56]	TYP.
* Z1	21.40 [.8425]	TYP.
Z2	21.40 [.8425]	TYP.



RoHS

A	355.6 ± 2.0 [14.00 $\pm .078$]
B	77.47 ± 1.0 [3.05 $\pm .039$]
C	15.88 ± 0.5 [.625 $\pm .020$]
W	71.1 ± 1.0 [2.80 $\pm .039$]
T	2.16 [.085]

UNIT MEASUREMENT:
mm / inches

* REF. EIA 296 E "LEAD TAPING OF COMPONENTS IN AXIAL LEAD CONFIGURATION FOR AUTOMATIC HANDLING".

NO MORE THAN 1.40 [.055] DIFFERENCE BETWEEN Z1 & Z2

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H	UPDATE COMPANY LOGO	01/06/09	JRK	PROJECT/PART NUMBER: 28L0138-50R-10	REV H PART TYPE: ASSEMBLY DRAWN BY: BENTON
G	ADD ROHS SYMBOL UPDATE LOGO	04/20/07	JRK		
F	CHANGE P/N (ADD -10) CHG NOTE 3 ADD NO LEAD SYMBOL, COR. PART WGT	10/14/03	JRK		
E	UPDATE PRINT FORMAT REM SHEET 40F4 ADDED NOTES TO SHEET 20F3.	10/22/01	JRK		
D	ADDED (*NOTE&DIM) TO SHT 30F4 CORRECTED DIM D ON SHT 2 OF 4	10/12/98	DTR	DATE: 06/21/90	SCALE: NTS SHEET: 2 of 2
C	UPDATE PRINT FORMAT	08/06/98	DTR	CAD #	TOOL # B0138
REV	DESCRIPTION	DATE	INT	28L0138-50R-10-H-3	

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