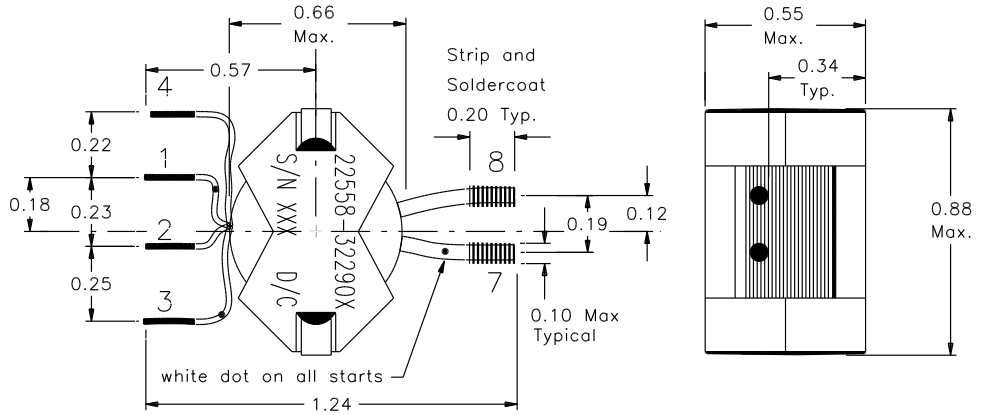


REVISIONS			
REV.	DESCRIPTION	DATE	BY



Classification

MIL-PRF-27 Grade: 6
 MIL-PRF-27 Class: S (130° C)
 Maximum Ambient Temperature: 105° C

MIL-STD-981 Quality Assurance Provisions

Class	Description	Drawing Number ¹
C	Commercial Parts	32290-30
B	Group A Inspection	32290-31B
E	Group A Inspection	32290-31S
S	Group A Inspection	32290-31S and
	Group B Inspection	32290-85

¹ The germane data will ship with the hardware.

Maximum Operating Load Conditions	
P(1 - 2) = 5mW	(IDC = 0.175A)
P(3 - 4) = 6mW	(IDC = 0.175A)
P(7 - 8) = 81mW	(IDC = 2.5A)
P _{TOTAL} < 0.2 W	

Electrical Characteristics

DC Resistance: (1 - 2) = 172 mΩ Maximum
 (3 - 4) = 190 mΩ Maximum
 (7 - 8) = 13 mΩ Maximum

Turns Ratio and Polarity (Verified with un-gapped core prior to assembly):

3 - 4/1 - 2 = 1.000 ± 0.010
 7 - 8/1 - 2 = 0.357 ± 0.010

Inductance (measured at 0.1 V, 10 KHz, IDC = 2.9A):
 (7 - 8) = 18.3 μH Minimum

These Parts Are Manufactured in Strict Compliance to MIL-STD-981.

The "X" in the part number refers to the Quality Level (C, B, E, or S), see Quality Assurance Provisions above.	UNLESS OTHERWISE SPECIFIED: Dimensions are in inches, and tolerances are:		COAST/ACM		
	Fractions ±1/64	Decimals .XX = ±0.03 .XXX = ±0.010	Angles ±1/2°	TITLE Coupled Inductor	
	DRAWN BY Jim Allen	DATE 09/18/02	FSCM 22558	DWG. NO 32290X	REV.
DO NOT SCALE DRAWING			SCALE:	MAX. WT.: 15 grams	SHEET 1 OF 1