		3441						1 <sup>4</sup>	DEL	/ISIONS / 5-3	7 17
MOTICE WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA Are used for any purpose other than in connection with a definitely related government procurement operation, the United States Govern- ment Thereby Ancurs no responsibility nor any obligation whatsoever,	<b>.</b>		P	[ (		1002350	K	'M	DESCRIPTION		DATE APP
AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED. OR In any way supplied the said drawings, specifications or other data is	3. DESIC	· ·	•						ER TDRR 163	a second seco	2/17/5 4
LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEY- ING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.	-				•••	· · · ·			R TDRR 1919	4	Sould with
REQUIREMENTS:			•	: -35°C Të +85°(			စြ	REVISED PER	TDRR 21869		g/18/65 w
	<del>-</del>			PARTS SHALL BE			··· 1 🗸	REVISED	PER TORR	23639	14/65 WK
1. GENERAL:			-	SLEEVED WITH AN					-4		•
A. INTERPRET DRAWING IN ACCORDANCE WITH THE STANDARDS PRESCRIBED BY		SEAL.									
MIL-D-70327.	1	(1) BOBBIN:	: NON-MAGNETIC	NINEALED CORROSI	ION-RESIS	STING STEEL.			۱		•
B. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS CONTAINED	(	(2) CORE:	1/8 MIL NOMINAL	THICKNESS MO-PE	ERM RIBBO	IN (OR EQUIVAL	ENT).				
IN ND 1015404, CLASS 2.	(	(3) SLEEVE	(JACKET): .011	THICK PHENOLIC	SLEEVE (	OR EQUIVALENT	).	rinne .A			
C. PREPARATION FOR DELIVERY SHALL DE IN ACCORDANCE WITH NO 1002215, CLASS I, CODE 1.	. (	(4) CORE -0	01 ONLY SHALL HE	RE AN AIR SPACE	OF 🖉 . 00	B THIN HUN ERON	THE		· · ·		• •
(1) MARKING OF SHIPPING CONTAINERS SHALL CONFORM TO THE MARKING				E BOBBIN EDGE.	COMPLUA	NCE SMALL BE				•	
OF UNIT AND INTERMEDIATE PACKAGES AND THE METHODS OF MARKING	<b>C.</b> 1	TEST METHOD:	<b>EU.</b>							· ·	• •
AS SPECIFIED IN ND 1002215.	. (	(1) EQUIPME	ENT:			•				• .	
				SERIES OSCILLOS	SCOPE WIT	TH TEKTRONIX T	INE-				• • •
			ARK GENERATOR OR	EQUIVALENT. LE OF SUPPLYING	A USET						
2. ACCEPTANCE AND INSPECTION:			UFFICIENT IN AMP	LITUDE & DURATIO	ON TO PER	FORM ALL TESTS C					
			UT ABOVE THIS	PULSE TO BE FOLL	LOWED BY	AN ESSENTIALL					. Alter
A. MECHANICAL PROPERTIES: (1) SURFACE QUALITY: CORE INSIDE DIAMETER SHALL HAVE A SURFACE		L	INCAR LURRENT RA	W WHUJE JLUPE M	THE T	LAJUNEV.					
(1) SURFACE QUALITY: LUKE INSIDE DIAMETER SHALL HAVE A SURFACE ROUGHNESS AS DELINEATED AND THE PART SHALL HAVE NO SHARP EDGES			<b>-</b> <sup>1</sup> .	· .							
OR BURRS. MAX, DIA, OVER ISOLATED SURFACE IMPERFECTIONS ON-OO	DI CORE a			RD CORES TOGETHE			TA L			са. ж	*
(2) SEALING COAT: A SUITABLE UNIFORM, HOMOGENOUS, CONTAMINANT-FREE			OR EACH, SUPPLIE Or instrument ca	D BY THE PROCURIN	ING AGEN	CY, TO BE USED			•		•
COATING SHALL BE APPLIED TO EFFECT A SEAL CAPABLE OF WITHSTAND-			ATION AND MEASURI		•		• •			ан . Г	
ING THE FOLLOWING TEST (-001 ONLY SHALL BE SEALED AND TESTED)	•	•-•		E CONNECTED TO A						_ · · · · · ·	4.0% •
(a) SUBMERGE THE CORES TO A DEPTH OF TWO INCHES MAXINUM IN A HALF AND HALF GLYCERIN-ETHYLENE GLYCOL MIXTURE.			•	TO STABILIZE FOR			•				å .
(b) APPLY A VACUUM, SUCH THAT A MERCURY COLUMN AT SEA LEVEL		ne ne	EASUREMENT.								1997 - 1999 1997 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -
WILL DROP 25 INCHES, FOR 2 MINUTES MINIMUM.	and the second second	CI	ALIBRATE SCOPE S	NEEP WITH THRE-M	MARK GEN	ERAT <b>OR.</b>					
(c) REJECT ANY UNIT THAT EXHIBITS BUBBLES.	•			ALYZER PLUG-IN,							
(d) PERFORM A COMPLETE ELECTRICAL TEST ON UNITS AFTER THOROUGHLY				ITH A KNOWN VOLT May be used if i			AL.				· ,
WASHING IN RUNNING WATER AND ALLOWING TO DRY.		VE	ERIFIED.	THAT DE USED IT I		ART NAS DEER					, *
(3) ANY LOT WITH GREATER THAN FIVE (5) PERCENT REJECTION BECAUSE OF THIS TEST SHALL BE TO THE VENDOR	JE RETURNED		DJUST THE "SET"	PULSE SO THAT AM	MPL I TUDE	AND DURATION	ARE				۰
8. ELECTRICAL CHARACTERISTICS (MEASURED AT ROOM TEMPERATURE PER TEST METHOD BELOW, VALUES		I 0.	9±0.1 AMPERES AND	es,2 Micro	OSECONDS	RESPECTIVELY.			Ý		
OR 11, AND AS DEFINED IN FIGURES 3 & 4): SET PULSE SHOULD BE 0.9±0.1 AMPERE IN AMPLIT 4±0.1 MICROSECONDS IN DURATION UNLESS OTHERWISE SPECIFIED BELOW, 100% INSPECTION IS RE				PROXIMATELY 200.	. 400, 0	R 1000 MILLIAM	PERES/				• •
UNLESS OTHERWIGE SPECIFIED.	•		ICROSECOND.								
(1) TIME TO PEAK (Tp) - MEASUMED FROM START OF THE RAMP TO PEAK OF THE OUTPUT VOLTAG	E. START (			STANDARD CORES, ( OR 1000 MA/USEC (							
THE RAMP CAN BE FOUND BY EXTENDING RAMP BACK TO CROSSING OF THE "ZERO CURRENT" AX	(15.			1 VALUES SUPPLIE						•	
(2) SHITCHING TIME $(T_S) - MEASURED AT 10% OF NOMINAL V1 OUTPUT.$			• •	RATING OR MEASUR			•				
(3) PEAK "ONE" OUTPUT $(V_1)$ - MEASURED FROM ZEIND TO THE PEAK OF THE OUTPUT WAVEFORM.	<i>(</i>		•	"SET" PULSE AND	USE THE	INTEGRATING C	IR				
(4) PEAK "ZERO" OUTPUT (V <sub>O</sub> -V <sub>JIG</sub> ) - MEASURED INSTANTANEOUSLY BETWEEN INDUCED JIG VOLTA AND PEAK "ZERO" VOLTAGE	AGE (VJIG)		UIT OF FIGURE 2.								
(5) DELTA V1 (AV1): CHANGE IN PEAK "ONE" - ANTPUT WHEN SET PULSE AMPLITUDE IS CHANGE	FRIM 2	7.2.		L PARAMETERS FOR Ables I and II,		•			•		÷.
0.9 AMPERE TO 0.33 AMPERE		~	000 MA/USEC.								
(6) DELTA T <sub>p</sub> ( $\Delta$ T <sub>p</sub> ): CHANGE IN TIME TO PEAK HOLEN SET PULSE AMPLITUDE IS CHANGED FROM	40.9	RI	EPEAT THE CALIBR	ATION PROCEDURE	AT LEAS	T EVERY HALF H	DUR		•	· · ·	
AMPERE TO 0.33 AMPERE		M	HILE TESTING.							•	
(7) A TEN (10) PERCENT SAMPLE OF THE LOT SHOULD BE INSPECTED TO THE REQUIREMENTS OF PARAGRAPH 2.8.5 AND 2.9.6 IN THE EVENT ANY FAILURE IS DETECTED THE ENTIRE LOT SHO DATE: 10 PERCENT SAMPLE OF THE LOT SHOULD BE INSPECTED TO THE REQUIREMENTS OF	ICLU D BE IN	SPECTED			f				•		_
					QTY REOD	PART IDENTIFYI				ENCLAT: COR ESCRIPTING	•
C. VENDOR SUPPLIED DATA: EACH SHIPMENT OF PARTS SHALL BE ACCOMPANIED BY THE FOLLOWING:	. 4 An		₹						WATERIALS		
(2) CERTIFICATE OF COMPLIANCE WITH INTERTAL AND CONSTRUCTION REQUIREMENTS.			UNLESS OTHE	RWISE SPECIFIED	1	MIT				ACECRAFT CE	NTEP
(3) CERTIFICATE OF COMPLIANCE WITH SEAL TEST.	<u> </u>			ARE IN INCHES		CAMORIDOE, MAGE				STON, TEXAS	1 1 F <b>L</b> II
(4) EACH SHIPMENT OF CORES SHALL CONTAIN TEN (10) CORES WHICH HAVE BEEN TAGGED	, 		TOLERANCES (		ES PRANT	T. To Le MA	+ 2, no 4				
BY THE PROCURING ACTIVITY NOTING THEIR NUMERICAL RESULTS. THE TAGS SHOULD			±	± ±		RTDI		in a start star	CORE	MAGNETIC	
THEN BE RETURNED TO THE VENDOR WITHIN TEN (10) DAYS FROM RECEIPT OF				E THIS DRAWING		AL	:				
TO THE ALL AND A SHIPMENT TO A SET OF A SET OF A SECOND AND A SECOND			MATERIAL	E NOTES	APPROV	Eller Lall 3	Bas 64	604			
		I.					1.2.4			N CONTROL D	
PROCURE ONLY FROM AMPROVED SOURCES LISTED IN NO 1002034 FOR THIS DRAWING.			LACAT THEAT	ENT	-	<b>, ,,</b> , , ,		WULL INC.	1 12 1 2 1 2		
PROCURE ONLY FROM AMPROVED SOURCES LISTED IN NO 1002034 FOR THIS DRAWING.			HEAT TREATM	ent <b>NONE</b>		PPROVAL 4/ R		80230	SIZE	NASA DRAW	
PROCURE ONLY FROM AMPROVED SOURCES LISTED IN NO 1002034 FOR THIS DRAWING.	NEXT ASSY	USED				PROVAL (1) C		80230	C	1006	
PROCURE ONLY FROM AMPROVED SOURCES LISTED IN NO 1002034 FOR THIS DRAWING.		USED	ON FINAL FINISH			BONAL WINT	Cfranks	80230		1006	320
PROCURE ONLY FROM AMPROVED SOURCES LISTED IN NO 1002034 FOR THIS DRAWING.			ON FINAL FINISH	NONE	MIT API	BONAL WINT	Cfranks	80230 <sup>scale</sup> none		1006	320

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