| · · · · 4 | | | <u> </u> | | 6 | | | BEVIELON | 1 /527 17 | |
|---|--------------------------|------------------|------------------------------|---|----------------------|----------------|---------------|---|--|---------------------------|
| - WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA D FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY) GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNME. | . | | | EL | 006320 | | YM | DESCRIPTION | DATE APP | OVAL |
| EREBY MICURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER: FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR May Supply for the Said Debundes, Specifications or other Data is | • | ر ملو | | | | | A REVISED PE | R TDRR 16365 | 2/17/5 | |
| SE REGARDED BY INFLICATION OR OTHERWISE AS IN ANY MANNER IS THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEY- | 3. DESIG | N: | - | | | (~) | REVISED PER | TDRR 19194 | Khebel NR | |
| D INVENTION THAT HAY IN ANY WAY BE RELATED THERETO. | A. 0 | PERATING TEMPER | ATURE RANGE | : -35°C TO +85°C. | | | REVISED PER | TDRR 21869 | EISILA | |
| RENENTS: | | ONCTRUCTION AND | MATCOLAL | | FRMALLOV TVAR BIS | | | | | * {] ! * |
| | . U. 1. | ATTRIAL LOUM AND | N A RORAIM | SLEEVED WITH AM IN | SULATING MATERIAL | AND | DEVICED | | 7 K19125 | |
| ernekal: | | DATED FITEDNALL | Y HITH AN I | ISULATING COMPOLIND | TO EFFECT A HERME | 116 | - INEVISED | FER IDER 2654 | 3 Mar Biller Mac | |
| . INTERPRET DRAWING IN ACCORDANCE WITH THE STANDARDS PRESCRIBED BY | | EAL. | | and the second second | | | Sec. Sec | Sector and the sector and the | • •• | |
| MIL-D-70327. | | | | | OFSISTING STEFT | | | • | | |
| SUPPLIER SHALL CONFORM TO THE GHALITY ASSURANCE PROVISIONS CONTAINED | | | | | | | • | | | |
| IN ND 1015404. CLASS 2. | | 2) CORE: 1/8 | HIL NORIMAL | INICHNESS MU-PERM | KIBBON (OK EQUIVI | LENTJ. | 1 📽 2 | | · · · · | |
| | (| (3) SLEEVE (JAC | KET): .011 | THICK PHENOLIC SLI | EVE (OR EQUIVALE) | IT). | | | · · · | |
| C. PREPARATION FOR DELIVERY SHALL DE IN ACCORDANCE WITH NO TODZZTO, | | (4) CORE -001 D | NLY SHALL H | E AN AIR SPACE OF | 0.000 WINIMUM ER | ON ,THE | | | • | |
| LLASS I, LUVE I. | | TOP LAYER O | F TAPE TO TI | E BOBBIN EDGE. CO | NPLIANCE SHALL BE | | | • | • | |
| (1) MARKING OF SHIPPING CONTAINERS SHALL COMPORE TO THE MARKING | ε. 1 | CERTIFIED. | | | | | | en e | • ~ | |
| OF UNIT AND INTERMEDIATE PACKAGES AND THE METHODS OF MARKING | ••• | A) FOUL PRENT. | | • ' | • | | | • • | | |
| AS SPECIFIED IN NU TUUZZIS. | | TENTO | NUX 570.340 | | | - | | | ₹ | |
| | | IERIKU MADY (| THIA 330-340 | SERIES USCILLUDU | A MITH TEXTHURIN | | ÷ | | | |
| | | | T INT CADE | EQUITALENT. | | SF | , | | | |
| | | A TES | I UNII UAPAU Cient in Ame | LITUDE & DURATION | TO PERFORM ALL TESTS | CALLED | | | | |
| ACCEPTANCE AND INSPECTION: | | | OVE THIS | PULSE TO BE FOLLOW | ED BY AN ESSENTIA | LLY | | | | |
| A. NECHANICAL PROPERTIES: | | LINER | R CURRENT RI | MP WHOSE SLOPE MAY | BE MEASURED. | | • | | an a | |
| (1) SUDEACE MULLITY. CODE INSIDE DIAMETED SULLI HAVE A SUDEACE | 1 Mar 1 | | | | | | | | | |
| POUGHNESS AS DELINEATED AND THE PART SHALL HAVE NO SHARP EDGES | | | • | | - | | | | uti | |
| OR BURRS MAX. DIA. OVER ISOLATED SURFACE IMPERFECTIONS ON-O | OI CORE . | .252 AT LE | RST 5 STANDA | RD CORES TOGETHER | ITH CALIBRATION | DATA | | | | |
| AN CEALING COAT. A SHITADLE THISODH MOMOCCHOIS CONTAMINANT_EDEE | | FOR E | ACH, SUPPLIE | D BY THE PROCURING | AGENCY, TO BE US | ED | | • | 1 | |
| (2) SCALING CUALL A SUITABLE UNIFURM, NUMBERNUS, CONTAMINANT FREE COATING SHALL BE ADDITED TO FEFERT A SEAL CADARIE OF MITHER AND- | · . · | FOR I | NSTRUMENT CA | LIBRATION | | | | и N | | |
| WATTHE STALL DE AFFLIED TO EFFECT A SEAL CAPABLE OF ATTHSTAND IME THE CONTALING TEST (-OOT ONLY SHALL BE SEALED AND TESTED) | | (2) CALIBRATIO | N AND MEASUR | EMENT PROCEDURE: | | | | | | |
| INTERVELORING LEGI (OUT ONLY DIMLE TO A MAUSE MAYING MAYING A A | | EQUIP | MENT SHALL B | E CONNECTED TO A W | ELL REGULATED SUP | PLY | | 10 | 2,2 ₩ - * | |
| (a) SUBMERUE THE LUKES TO A DEFIN OF THE DIALATES MAXIMUM IN A | | LINE | AND ALLOWED | TO STABILIZE FOR O | NE HOUR PRIOR TO | | | | and and and | |
| MALT AND TALT ULTURAINTEINTERNE ULTUUL MAATURE. | · · · | MEASU | REMENT. | | - | | | | in a second s | u ⁴ . |
| (b) APPLY A VACUUM, SUCH THAT A MERCURY COLUMN AT SEA LEVEL | : | CALIR | RATE SCOPE S | WEEP WITH TIME-MAR | K GENERATÓR. | | | ,e | and the second | |
| WILL DROP 25 INCHES, FOR 2 MINUTES MINIMUM. | ي د جوني و الماري ا | | | | IRPATE THE VEST | CB1 . | | • | and a second s | |
| (c) REJECT ANY UNIT THAT EXHIBITS BUBBLES. | • • | | AMOULELED L | HETZER PEUW"IN, UN Lith a vnolm voitag | LIDRATE THE VERTI | DMAL | | | and the second | |
| (d) PERFORM A COMPLETE ELECTRICAL TEST ON UNITS AFTER THOROUGHLY | | SUPE SCOPE | CALINDATOD | MAY BE REEN IF ITC | ACCHPACY MAC DEE | N | | | | |
| WASHING IN RUNNING WATER AND ALLOWING TO DRY. | | JUTE | UNLIDERIUE | WHI OF YOED IT IID | MUUNALI NAJ DEL | rs . | | | | |
| (3) MAY LOT WITH GREATER THAN FIVE (5) PERCENT REJECTION BECAUSE OF THIS TEST SHALL | BE NETURNE | D | | | | | | | | |
| TO THE VENDOR AND SHALL NOT BE RESUBMITTED | | ADJUS | I INK "SET" | TULSE SU INAT APPL | IIUUS ARU UURAIIU | | | | د ۱ | |
| B. ELECTRICAL CHARACTERISTICS (MEASURED AT ROOM TEMPENATURE PER TEST METHOD BELOW, VALUE | LS OF TABLE | ŧ 0.9±0. | | TTTTCKUSE | LUNUS RESPECTIVEL | | | | · · · · · · · · · · · · · · · · · · · | |
| OR 11, AND AS DEFINED IN FIGURES 3 & 4): SEI PULSE SHOULD BE U.920.1 AMPERE IN AMPL. | RECILIRED | ADJUS | T RAMP TO A | PROXIMATELY 200, 4 | DO. OR 1900 MILL'I | APPERES/ | | | 6 π. 4,7 | |
| UNLESS OTHERWINE SPECIFIED. | | MICRO | SECOND. | | | • | | · · · | | |
| | AGE START | OF USING | ONE OF THE | STANDARD CORES, AD | JUST THE RAMP SLO | PE FOR | : | | | |
| (1) THE TO PEAK (1) - PEASUMED FROM START OF THE RAMP TO PEAK OF THE OUTPUT VOLT THE RAMP CAN BE FOLIND BY EXTENDING RAMP BACK TO CROSSING OF THE "ZERO CURRENT" / | AXIS. | EITHE | R 200, 490, | OR 1000 MA/USEC AS | APPROPRIATE TO Y | IELD | | · · · · | | , ·] -] - |
| | • | THE T | P. TS, AND | 1 VALUES SUPPLIED | WITH THE STANDARD | • | | • | • | |
| (2) SWITCHING TIME (15) - MEASURED AT TOK OF NOMINAL VY OUTPUP. | | NOTE: | WHEN CALI | BRATING OR MEASURIN | G FOR 1000 MA/USE | C | | | | |
| (3) PEAK "ONE" OUTPUT (V_1) - Measured from Zeino to the peak of the output waveform. | | RAMP, | DISCONNECT | *SET* PULSE AND US | E THE INTEGRATING | CIR | | • | ; | |
| (4) PEAK "ZERO" OUTPUT (V0-V11G) - MEASURED INSTANTANEOUSLY BETWEEN INDUCED J16 VOL | TAGE (V _{JIG}) | CUIT | OF FIGURE 2 | • | | · | | | | |
| AND PEAK "ZERO" WOLTATES | | MEASU | RE ELECTRIC | AL PARAMETERS FOR C | ORES UNDER TEST, | ŧN | | • | • | |
| (5) DELTA V1 (AV1); CHANGE IN PEAK "ONE" (ANTPUT WHEN SET PULSE AMPLITUDE IS CHANN | GE, FRUNK John | ACCOR | DANCE WITH | TABLES I AND II, FO | R EITHER 200, 400 | , OR | • | in the second | 4 | |
| 0.9 AMPERE TO 39 U AMPERE | | 1000 | MA/USEC. | · | | . ={ | · · · · | | • • • • • • • • • • • • • • • • • • • | |
| (6) DELTA TP (ATP): CHANGE IN TIME TO PEAK LANEN SET PULSE ANPLITUDE IS CHANGED FR | CIL 0.9 | REPEA | T THE CALIN | RATION PROCEDURE AT | LEAST EVERY HALF | HOUR | | | · · | |
| AMPERE TO 40 AMPERE | . • | WHILE | TESTING. | | | | | • , | · | |
| (7) A TEN (10) PERCENT SAMPLE AF THE LOT SHOULD BE INSDEPTED TO THE REMEMENTS OF | F | | | : | | | | • | | |
| PARAGRAPH 2.8.5 AND 2.8.6 IN THE EVENT ANY FAILURE IS DETECTED THE ENTIRE LOT S | Should be I | ISPECTED. | | le la constante de la constante | OTY P4 | RT OR | | NOMENCLAT | URE OR | FIND |
| | - 41 V | .* | | | REQD | FYING NO. | | DESCRIPT | rion | NO. |
| C. VENDOR SUPPLIED DATA: EACH SHIPMENT OF PARTS SHALL BE ACCOMPANIED BY THE FOLLOWING: | | | 8 | ł | | | LIST OF M | MTERIALS | | <u> </u> |
| (1) CERTIFICATE OF COMPLIANCE WITH MATERIAL AND CONSTRUCTION REQUIREMENTS. | | | | | MIT | | | | | |
| (2) CERTIFICATE OF COMPLIANCE WITH ND 1015404, CLASS 2. | | | DIMENSIONS | ARE IN INCHES | INSTRUMENTATH | DN LAB | · · · | MANNED SPACEC | RAFT CENTER | |
| (3) CERTIFICATE OF COMPLIANCE WITH SEAL TEST. | · · | 1 | TOLERANCES | ON | CAMORIDOE, MA | | | HOUSTON, | TEXAS | |
| (4) EACH SHIPMENT OF CORES SHALL CONTAIN TEN (10) CORES WHICH HAVE BEEN TAGGED | | | FRACTIONS | DECIMALS ANGLES | DRAWN TTALED | | ~ | | | |
| WITH THE NUMERICAL ELECTRICAL VALUES. THESE SAME COMES SMALL THEN BE TESTED BY THE PROCHEING ACTIVITY NOTING THEIR NUMERICAL RESILTS. THE TAGS SHOPID | | | ± | ± ± | ALEONED PTD. | m | | | NETIC | |
| THEN BE RETURNED TO THE VENDOR WITHIN TEN (10) DAYS FROM RECEIPT OF | | | | | ARRANED PLAN | | × * | UURE, MAU | | |
| DECOMPTE OFF SHIPMENT SECTOR | | | MATERIAL | | APTROVAL COD A X | 1 7 | | | | |
| | | | SF | E NOTES | APPROVALZ. | 79.00.0 | L SPE | CIFICATION CO | NTROL DRAWING | |
| | | | | | / 34 | // 1-E-A | CODE IDENT NO | SI75 | | |
| PROCURE ONLY FROM AMPROVED SOURCES LISTED IN NO 1002034 FOR THIS DRAWING. | | 1 | TREAT TREAT | | NASA APPROVAL | - | -1002 | | nasa ukawing NO. | |
| PROCURE ONLY FROM AMPROVED SOURCES LISTED IN NO 1002034 FOR THIS DRIVING. | | L. | | | T . 14 | A | | 1 / 1 | | |
| PROCURE ONLY FROM AMPROMED SOURCES LISTED IN NO 1002034 FOR THIS DRAWING. | NEYT ACC | | | | NAT ABBOMINAL ANTON | 11 6 Januar | | | 1006320 | |
| PROCURE ONLY FROM AMPROMED SOURCES LISTED IN NO 1002034 FOR THIS DRAWING. | NEXT ASSI | USED ON | FINAL FINISH | | MIT APPROVAL CALLEY | the come | | | 1006320 | |
| PROCURE ONLY FROM AMPROMED SOURCES LISTED IN NO 1002034 FOR THIS DRAWING. | NEXT ASSI | y USED ON | FINAL FINISH | E NOTES | MIT APPROVAL | for the former | SCALE NONE | U WT | | F 2 |

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| 10002350 E W | SYM | REVISIONS /532.7 M DESCRIPTION DATE APPROVAL |
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| | | REVISED PER TURE 19194 DIGIELO |
| | D | REVISED PER TORR 23639 11/9/4 WK |
| | LE | REVISED PER TORR 26549 3/1/4 WK |
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| SEE NOTE 2.A(I) | | |

FIGURE I

| TABLE III | | | | | | | | |
|----------------|--------------|----------|--------------|-----------------|----------------|--|--|--|
| DASH Number | DIM A Max | DIM B | DIN C MAX | CHARACTERISTICS | REMARKS | | | |
| -001 | -249 NC | -140 MIN | .105 | TABLE I | SEE NOTE 2A(I) | | | |
| -002 | - 187 | -100 MIN | .075MAX | TABLE IT | | | | |

| | QTY REQD | PART OR IDENTIFYING NO. | | | NOMENCLATURE OR DESCRIPTION | FIND NO. | | | | |
|--|-------------------|--|---|-----------------|--------------------------------|-------------|--|--|--|--|
| | LIST OF MATERIALS | | | | | | | | | |
| ISE SPECIFIED | INSTR | MIT UMENTATION LAD AMERIDEE, MASS. CONTRACY | MANNED SPACECRAFT CENTER HOUSTON, TEXAS | | | | | | | |
| DECIMALS ANGLES ± ± THIS DRAWING | DRAWN | CT. De Ser 30 Der | CORE, MAGNETIC SPECIFICATION CONTROL DRAWING | | | | | | | |
| OTES | APPROVAL | Hon Child 30 per 14 | | | | | | | | |
| r | NASA APPR | ONAL WERE -6-63 | CODE IDENT NO. | SIZE | NASA DRAWING NO. | | | | | |
| NE | MIT APPRO | me Willington 6fm 65 | 80230 | С | 1006320 | | | | | |
| NOTES | MIT APPRO | | SCALE NONE | WT | SHEET 2 C | F 2 | | | | |
| · · · | 2 | | | معلار و المتكان | 1 | | | | | |

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