

# TMC SPECIFICATION

NO. S1404

REV:

COMPILED: R. Uzzo

CHECKED:

APPD:

SHEET

1

OF

5

TITLE: Configuration Item Verification Review CIVR

CONFIGURATION ITEM VERIFICATION

REVIEW (CIVR) VALIDATION REPORT

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## I GENERAL INFORMATION

- a) CONTRACTOR - - - - - TECHNICAL MATERIEL CORPORATION
- b) CONTRACT ORDER NUMBER - DAAB07-81C-1131  
ITEM NO. 0008AB
- c) NOMENCLATURE - - - - - MODE SWITCHING ASSEMBLY  
P/O AN/TPX-46(V)  
DRAWING NO. SM-D-586769  
  
(EQUIPMENTS OF ESTABLISHED DESIGN)
- d) FIRST ARTICLE - - - - - STOCK NO. REPRESENTED BY 001  
AND 002.
- e) FIRST ARTICLE FABRICATED AT:  
TECHNICAL MATERIEL CORPORATION  
700 FENIMORE ROAD  
MAMARONECK, NEW YORK 10543

## II REFERENCE DATA:

- a) MIL-P-11268K (ARMY)  
MIL-STD-252B PAGES 15, 16, 17 (PRINTED WIRING BOARD)  
MIL-STD-105D  
MIL-M-13231A
- b) LIST OF PROPOSED SOURCES OF STANDARD ITEMS
- c) STATEMENT OF COMPLIANCE
- d) GOVERNMENT FURNISHED DRAWINGS
- e) AMP SPECIAL INDUSTRIES BULLETIN 703-3
- f) TMC SPECIFICATION S1394
- g) SMA 595922 REQUIREMENTS FOR CIRCUIT CARD ASSEMBLIES

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## 1. PURPOSE:

TO ASSURE THAT THE PARTS, MATERIALS AND PROCESSES USED IN SM-D-586769 ASSEMBLY ARE THOSE SPECIFIED ON THE GOVERNMENT FURNISHED DRAWINGS OR SPECIFICATIONS.

## 2. COMPLIANCE

ALL COMPONENTS USED IN THE MANUFACTURE OF SM-D-586769 (MODE SWITCHING ASSEMBLY) MEET THE REQUIREMENTS STATED ON DRAWING PL SM-B-586769. FOR EACH COMPONENT USED A CERTIFICATE OF COMPLIANCE IS AVAILABLE ALONG WITH TMC'S PURCHASE ORDER ON ALL MATERIALS.

## 3. INCOMING MATERIAL CONTROL PROCEDURES

ALL MATERIAL IS COMPARED WITH THE RECEIVING REPORT. VERIFICATION OF VENDOR, QUANTITIES, PART NUMBERS AND ACCURACY OF CERTIFICATES OF COMPLIANCE IS REVIEWED.

BEFORE MATERIALS ARE ISSUED ON THE PRODUCTION FLOOR A SAMPLING TEST OF MATERIALS IS PERFORMED.

3. a. PRINTED WIRING BOARD SMD586669 WAS INSPECTED IN ACCORDANCE WITH GOVERNMENT SUPPLIED DRAWINGS (SM-D-586669 SHEETS 1 AND 2) ALSO MIL-STD-252B PAGES 15, 16 AND 17.

ALL RESISTORS R1 THROUGH R25 HAVE BEEN INSPECTED USING THE INSPECTION METHOD (REF MIL-STD-105) TMC STANDARD QA 3008.

ALL CAPACITORS C1 THROUGH C6 HAVE BEEN INSPECTED, EMPLOYING THE SAME METHOD AS STATED ABOVE.

M21097/15-13 (P1) CONNECTOR WAS INSPECTED, USING AS A GUIDE AMP SPECIAL INDUSTRIES PRODUCT BULLETIN 703-3 PRINTED CIRCUIT & ELECTRONIC PACKAGING PRODUCTS.

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## 4. ASSEMBLING PROCEDURE

ALL COMPONENT PARTS FOR THE (MODE SWITCHING ASSY) ARE ASSEMBLED AS PER DRAWING SMD-586769. ALL COMPONENTS ARE HAND SOLDERED, AND THE METHOD OF ASSEMBLY CONFORMS WITH "GENERAL REQUIREMENTS FOR CIRCUIT CARD ASSEMBLIES" SM-A-595922.

## 5. MARKING PROCESS

MARKING PROCESS CONFORMS TO MIL-M-13231A AND AS NOTED ON ASSEMBLY DRAWING SM-D-586769, NOTE 4.

## 6. CONFORMAL COATING

CONFORMAL COATING PROCESS CONFORMS TO SM-A-587204 AND TMC SPECIFICATION S1394.

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CONFIGURATION ITEM VERIFICATION REVIEW (CIVR)

TOOK PLACE AT:

THE TECHNICAL MATERIEL CORPORATION  
700 FENIMORE ROAD  
MAMARONECK, NEW YORK 10543

DATE \_\_\_\_\_

WITNESSED BY:

TMC REPRESENTATIVE

APPROVED BY:

GOVERNMENT REPRESENTATIVE

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