

PRODUCT DETECTOR MODULE

MODEL A3718-X
NOTE 3

REV A

TITLE

USED ON
MODEL SECTION QTY
LFCA-1 2

LIST SECTIONS

- 1.SUPPORTING NOTES
 - 2.SUPPORTING LISTS
 - 3.ELECTRICAL/MECHANICAL
 - 4.SUPP ASSY/REF DWGS
 - 5.SPECIFICATIONS
 - 6.LOOSE ITEMS
 - 7.PARTS PECULIAR
- 400 SERIES

SHEET NO.

SEE BELOW
NONE REQ
1-3
4
5
NONE REQ
NONE REQ

LAST SYMBOLS

C12 Q3
CR4 R16
FL1 T2
TP8

COMPILED J.SABATINO

CHECKED L.GABEL

APPROVED O.POSE

FNL APPR *L. Gabel*

ISS DATE 1-28-65

MISSING SYMBOLS

NONE

NOTE 1. THE FOLLOWING
SYMBOL, #, IN THE REMARKS
COLUMN INDICATES THAT THE
PART NUMBER IMMEDIATELY
FOLLOWING IT IS THE TMC
PROPRIETARY MANUFACTURING
DRAWING FOR THE CORRES-
PONDING NUMBER IN THE PART
NUMBER COLUMN.

NOTE 2. PREFIX ALL REFERENCE SYMBOLS
WITH 400 SERIES.
EXAMPLE, R1 EQUALS R401

NOTE 3. USE A3718-1 FOR LSB MODULE, Z401.
USE A3718-2 FOR USB MODULE, Z402.

NOTE 4. USE FX200 ON A3718-1 ONLY.
USE FX199 ON A3718-2 ONLY.

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

A

MODEL:

A3718-X

SHEET

1 OF

5

| PART NO. | DESCRIPTION ELECTRICAL/MECHANICAL | ITEM LOCATION | | | QTY. PER UNIT | REFERENCE SYMBOLS | REMARKS |
|--------------|--------------------------------------|-------------------------|------------------|------------------------------|---------------------|----------------------|---------------------|
| | | USED ON ASSEMBLY | USED TO MOUNT | QTY. PER USED TO MOUNT | | | |
| BS100 | SOLDER, TIN ALY | A3718 | | | | | |
| CC100-9 | CAP., FXD, CER | A3825 A3855 A3718 | | | 1 | C7 | |
| CC100-28 | CAP., FXD, CER | A3718 | | | 7 | C3,4,5,6,8,9,10 | |
| CE105-2-50 | CAP., FXD, ELECT. | A3718 | | | 2 | C1,2 | |
| CF135-9 | FORM, COIL, 2 FLG | A3825 A3855 | | 1 1 | 2 | | |
| CI137-2 | CORE, ADJ TUN | A3825 A3855 | | 1 1 | 2 | | |
| CM112F103J1S | CAP., FXD, MICA | A3718 | | | 2 | C11,12 | |
| CU158 | RET., CUP CORE | A3825 A3855 | | 1 1 | 2 | | |
| FX199 | FIL, BP, 4 KC BW | A3718-2 | | | 1 | FL1-2 | 100KC USB NOTE 4 |
| FX200 | FIL, BP, 4 KC BW | A3718-1 | | | 1 | FLI-1 | 100KC LSB NOTE 4 |
| GL103 | ADHESIVE-N-CEL | A3825 A3855 | | | | | |
| GL130 | ADHESIVE-Q-DOPE | A3825 A3855 | | | | | |
| LWE04MRN | WASH., LK, EXT | A3718 | | | 6 | | |
| MS3993 | STIFF., PC BD | A3718 | | | 1 | | |
| MS3994 | STIFF., PC BD | A3718 | | | 1 | | |

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

A

MODEL:

A3718-X

SHEET 2 OF 5

| PART NO. | DESCRIPTION ELECTRICAL/MECHANICAL | ITEM LOCATION | | | QTY. PER UNIT | REFERENCE SYMBOLS | REMARKS |
|-----------------|--------------------------------------|---------------------|------------------|------------------------------|---------------------|----------------------|------------------------|
| | | USED ON ASSEMBLY | USED TO MOUNT | QTY. PER USED TO MOUNT | | | |
| NTH0440BN6 | NUT, PLN, HEX | A3718 | | | 10 | | |
| PC130-1 | PC BD, ETCH | PC130-2 | | | 1 | | |
| PC130-2 | PC BD, MACH | PC130-3 | | | 1 | | |
| PC130-3 | PC BD, SUBASSY | A3718 | | | 1 | | |
| RC20GF100K | RES, FXD, COMP | A3718 | | | 2 | R4,5 | |
| RC20GF101K | RES, FXD, COMP | A3718 | | | 3 | R1,2,3 | |
| RC20GF103K | RES, FXD, COMP | A3718 | | | 1 | R12 | |
| RC20GF151K | RES, FXD, COMP | A3718 | | | 1 | R13 | |
| RC20GF152K | RES, FXD, COMP | A3718 | | | 1 | R16 | |
| RC20GF153K | RES, FXD, COMP | A3718 | | | 2 | R14,15 | |
| RC20GF331K | RES, FXD, COMP | A3718 | | | 3 | R1,2,3 | |
| RC20GF681K | RES, FXD, COMP | A3718 | | | 3 | R6,7,8 | |
| RC20GF682K | RES, FXD, COMP | A3718 | | | 2 | R9,10 | |
| RV111U103A | RES, VAR-COMP | A3718 | | | 1 | R11 | |
| SCFP0440BN4 | SCR, MACH | A3718 | | | 6 | | |
| TE127-2 | TERM., STUD | PC130-3 | | | 8 | TP1,2,3,4,5,6,7,8 | |
| WA101-3 | WASH., NM | A3718 | | | 4 | | |
| WI104-2041SNPQS | WIRE, ELEC, LITZ | A3825 A3855 | | | | | |
| WI141-40-2 | WIRE, ELEC, MAG, T | A3825 A3855 | | | | | SZ 40/RED SZ 40/RED |

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

A

MODEL:

A3718-X

SHEET

3

OF

5

| PART NO. | DESCRIPTION ELECTRICAL/MECHANICAL | ITEM LOCATION | | | QTY. PER UNIT | REFERENCE SYMBOLS | REMARKS |
|------------|--------------------------------------|---------------------|------------------|------------------------------|---------------------|----------------------|------------------------|
| | | USED ON ASSEMBLY | USED TO MOUNT | QTY. PER USED TO MOUNT | | | |
| WI141-40-5 | WIRE ,ELEC ,MAG ,T | A3825 A3855 | | | | | SZ 40/GRN SZ 40/GRN |
| 1N34A | SCOND DEV ,DIO | A3718 | | | 4 | CR1,2,3,4 | |
| 2N706 | TRANSISTOR | A3718 | | | 3 | Q1,2,3 | |

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

A

MODEL:

A3718-X

SHEET 4 OF 5

| PART NO. | DESCRIPTION SUPP ASSY/REF DWGS | ITEM LOCATION | | | QTY. PER UNIT | REFERENCE SYMBOLS | REMARKS |
|----------|-----------------------------------|---------------------|------------------|------------------------------|---------------------|----------------------|---------|
| | | USED ON ASSEMBLY | USED TO MOUNT | QTY. PER USED TO MOUNT | | | |
| A3718-X | PRODUCT DET MODL | A3718 | | | 1 | | NOTE 3 |
| CH338 | CHART, UNIT BKDN | A3718 | | | 1 | | |
| CK1252 | DIAG, SCHEM | A3718 | | | 1 | | |
| TT221 | XFMR, RF-100KC | A3718 | | | 1 | T2 | #A3825 |
| TT227 | XFMR, RF-100KC | A3718 | | | 1 | T1 | #A3855 |

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

A

MODEL:

A3718-X

SHEET 5 OF 5

| PART NO. | DESCRIPTION SPECIFICATIONS | ITEM LOCATION | | | QTY. PER UNIT | REFERENCE SYMBOLS | REMARKS |
|----------|-------------------------------|---------------------|------------------|------------------------------|---------------------|----------------------|---------|
| | | USED ON ASSEMBLY | USED TO MOUNT | QTY. PER USED TO MOUNT | | | |
| S404 | IRIDITE ,YEL | MS3993 MS3994 | | | | | |

