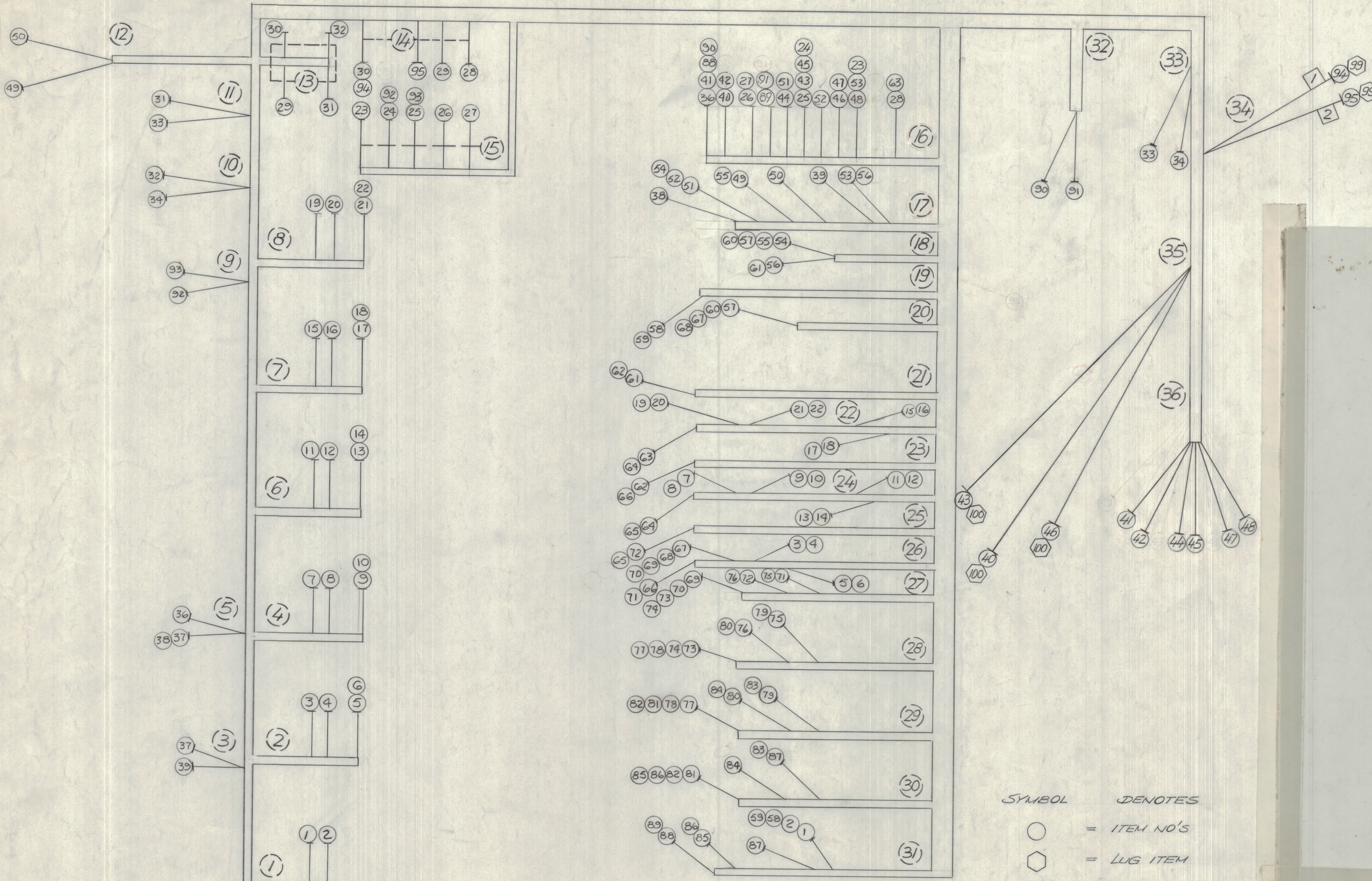
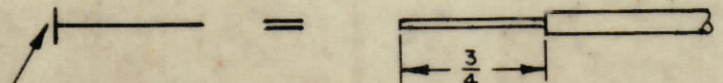
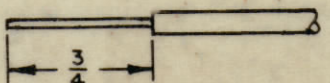


| REVISIONS | | | | | | |
|-----------|-----|---------------------------------|---------|----------|---------|------------|
| ZONE | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD APPD |
| X | | EXP RELEASE | 1-16-68 | | LL | R.E |
| XI | | REV. & CLARIFIED | 1/21/69 | | LLH/LLM | |
| Ø | | ORIGINAL RELEASE FOR PRODUCTION | 1-26-68 | | RS | |
| A | | DELETED IT. 23 CALLOUT | 3-26-69 | 1834B | GE | LLH/LLM/OP |
| B | | REVISED & UPDATED | 2/19/69 | 19677 | LLH | RS/OP |



SYMBOL DENOTES

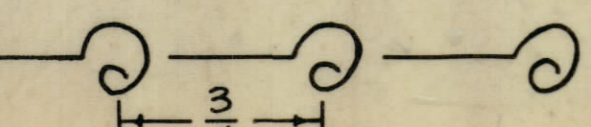
- = ITEM NO'S
- ⬡ = LUG ITEM
- = MARKER
- ⋯ } = STATION BREAKOUTS

 = 
 THIS SYMBOL DENOTES END OF INSULATION AND NAIL DRIVING POINT. WIRE MUST BE STRIPPED 3/4" BEYOND THIS POINT AND TINNED 1/2" UNLESS OTHERWISE SPECIFIED.

UNLESS OTHERWISE SPECIFIED WIRES SHOULD BE PLACED IN CABLE IN NUMERICAL SEQUENCE AS THEY APPEAR IN ITEM COLUMN BY CATEGORY.

- ALL R.F. CABLES
- ALL SHIELDED CABLES
- ALL OTHERS

SPACE LACING APPROXIMATELY 3/4" APART.



| | | |
|--|---------------|----------|
| 1 | HFSR-4 | BMA 236 |
| QTY / UNIT | MODEL USED ON | ASSY NO. |
| APPLICATION | | |
| CODE | 401-451 | |
| NOTICE TO PERSONS RECEIVING THIS DRAWING | | |
| <small>THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.</small> | | |

| | |
|---|------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | |
| TOLERANCES ON | |
| DECIMALS | FRACTIONS |
| .X ± .05 | ± 1/64 |
| .XX ± .01 | ANGLES |
| .XXX ± .005 | ± 0° - 30' |
| MATERIAL | |
| FINISH | |

| | | | | |
|--|-----------------|----------|-------------|----------|
| QTY. REQ. | ITEM | PART NO. | DESCRIPTION | SYMBOL |
| HOGAN (EBERT) LIST OF MATERIAL | | | | |
| THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | | | | |
| WIRING HARNESS, BRANCHED (D.C.) | | | | |
| SIZE | CODE IDENT. NO. | DWG NO. | ISSUE | |
| D | 82679 | CA1418 | B | |
| SCALE 1:1 | | | | SHEET OF |

| REQ | ITEM | PART NUMBER | BREAKOUT | | DESTINATION OR DESCRIPTION | |
|-----|------|-------------|----------|----|----------------------------|--------------|
| | | | FROM | TO | FROM | TO |
| | 1 | LWC26(7)04 | 1 | 31 | XA19 PIN X | XA13 PIN I G |
| | 2 | ↑ | 1 | 31 | XA19 PIN V | XA13 PIN I 5 |
| | 3 | 4 | 2 | 26 | XA18 PIN X | XA 8 PIN H |
| | 4 | 3 | 2 | 26 | XA18 PIN V | XA 8 PIN F |
| | 5 | 5 | 2 | 26 | XA18 PIN T | XA 8 PIN L |
| | 6 | 1 | 2 | 26 | XA18 PIN S | XA 8 PIN K |
| | 7 | 94 | 4 | 24 | XA17 PIN X | XA 7 PIN D |
| | 8 | 93 | 4 | 24 | XA17 PIN V | XA 7 PIN C |
| | 9 | 95 | 4 | 24 | XA17 PIN T | XA 7 PIN E |
| | 10 | 91 | 4 | 24 | XA17 PIN S | XA 7 PIN F |
| | 11 | 4 | 6 | 24 | XA16 PIN X | XA 7 PIN V |
| | 12 | 3 | 6 | 24 | XA16 PIN V | XA 7 PIN U |
| | 13 | 5 | 6 | 24 | XA16 PIN T | XA 7 PIN W |
| | 14 | 1 | 6 | 24 | XA16 PIN S | XA 7 PIN X |
| | 15 | 94 | 7 | 22 | XA15 PIN X | XA 6 PIN V |
| | 16 | 93 | 7 | 22 | XA15 PIN V | XA 6 PIN U |
| | 17 | 95 | 7 | 22 | XA15 PIN T | XA 6 PIN W |
| | 18 | 91 | 7 | 22 | XA15 PIN S | XA 6 PIN X |
| | 19 | 4 | 8 | 22 | XA14 PIN X | XA 6 PIN D |
| | 20 | 3 | 8 | 22 | XA14 PIN V | XA 6 PIN C |
| | 21 | 5 | 8 | 22 | XA14 PIN T | XA 6 PIN E |
| | 22 | LWC26(7)01 | 8 | 22 | XA14 PIN S | XA 6 PIN F |
| | 23 | MWC24(7)01 | 15 | 16 | T1 PIN G | XA 2 PIN X |
| | 24 | 3 | 15 | 16 | T1 PIN 7 | XA 2 PIN P |
| | 25 | 4 | 15 | 16 | T1 PIN 8 | XA 2 PIN N |
| | 26 | 5 | 15 | 16 | T1 PIN 9 | XA 2 PIN H |
| | 27 | 6 | 15 | 16 | T1 PIN 10 | XA 2 PIN F |
| | 28 | MWC24(7)07 | 14 | 16 | T1 PIN 5 | XA 2 PIN Y |
| | 29 | MWC22(7)098 | 14 | 13 | T1 PIN 4 | POWER SWITCH |
| | 30 | 90 | 14 | 13 | T1 PIN 1 | POWER SWITCH |
| | 31 | 98 | 13 | 11 | POWER SWITCH | XF2 - SIDE |
| | 32 | 90 | 13 | 10 | POWER SWITCH | XF1 - SIDE |
| | 33 | 98 | 11 | 33 | XF2 - REAR | FL 2 |
| | 34 | MWC22(7)090 | 10 | 33 | XF1 - REAR | FL 1 |
| | 35 | NOT USED | | | | |
| | 36 | LWC26(7)091 | 16 | 5 | XA2 PIN A | XDS-2 |
| | 37 | LWC26(7)091 | 5 | 3 | XDS-2 | XDS-1 |
| | 38 | LWC26(7)090 | 5 | 17 | XDS-2 | XA 3 PIN 4 |
| | 39 | LWC26(7)095 | 3 | 17 | XDS-1 | XA 3 PIN 20 |
| | 40 | MWC24(7)091 | 16 | 35 | XA 2 PIN 4 | Q1 COLLECTOR |

| REQ | ITEM | PART NUMBER | BREAKOUT | | DESTINATION OR DESCRIPTION | |
|-----|------|-------------|----------|----|----------------------------|--------------|
| | | | FROM | TO | FROM | TO |
| | 41 | MWC24(7)93 | 16 | 36 | XA2 PIN 2 | Q1 BASE |
| | 42 | | 16 | 36 | XA2 PIN C | Q1 EMITTER |
| | 43 | | 16 | 35 | XA2 PIN 11 | Q2 COLLECTOR |
| | 44 | | 16 | 36 | XA2 PIN 10 | Q2 BASE |
| | 45 | | 16 | 36 | XA2 PIN M | Q2 EMITTER |
| | 46 | | 16 | 35 | XA2 PIN S | Q3 COLLECTOR |
| | 47 | | 16 | 36 | XA2 PIN T | Q3 BASE |
| | 48 | MWC24(7)5 | 16 | 36 | XA2 PIN W | Q3 EMITTER |
| | 49 | LWC26(7)95 | 17 | 12 | XA3 PIN M | M1 POS. ER + |
| | 50 | | 17 | 12 | XA3 PIN R | M1 NEG. ER - |
| | 51 | | 16 | 17 | XA2 PIN L | XA3 PIN 3 |
| | 52 | | 16 | 17 | XA2 PIN R | XA3 PIN 6 |
| | 53 | | 16 | 17 | XA2 PIN V | XA3 PIN 18 |
| | 54 | | 17 | 18 | XA3 PIN 3 | XA4 PIN 15 |
| | 55 | | 17 | 18 | XA3 PIN 6 | XA4 PIN 16 |
| | 56 | | 17 | 18 | XA3 PIN 18 | XA4 PIN 14 |
| | 57 | | 18 | 20 | XA4 PIN 16 | XA5 PIN 11 |
| | 58 | | 19 | 31 | XA4 PIN B | XA13 PIN 15 |
| | 59 | | 19 | 31 | XA4 PIN A | XA13 PIN 16 |
| | 60 | | 18 | 20 | XA4 PIN 15 | XA5 PIN 12 |
| | 61 | | 18 | 21 | XA4 PIN 14 | XA6 PIN 1 |
| | 62 | | 21 | 23 | XA6 PIN 1 | XA7 PIN 1 |
| | 63 | | 22 | 16 | XA6 PIN A | XA2 PIN Z |
| | 64 | | 22 | 24 | XA6 PIN A | XA7 PIN A |
| | 65 | | 24 | 25 | XA7 PIN A | XA8 PIN 1 |
| | 66 | | 23 | 26 | XA7 PIN 1 | XA8 PIN A |
| | 67 | | 20 | 26 | XA5 PIN 12 | XA8 PIN D |
| | 68 | | 20 | 26 | XA5 PIN 11 | XA8 PIN E |
| | 69 | | 26 | 27 | XA8 PIN D | XA9 PIN 6 |
| | 70 | | 26 | 27 | XA8 PIN E | XA9 PIN 4 |
| | 71 | | 26 | 27 | XA8 PIN A | XA9 PIN 12 |
| | 72 | | 25 | 27 | XA8 PIN 1 | XA9 PIN 9 |
| | 73 | | 27 | 28 | XA9 PIN 6 | XA10 PIN 6 |
| | 74 | | 27 | 28 | XA9 PIN 4 | XA10 PIN 4 |
| | 75 | | 27 | 28 | XA9 PIN 12 | XA10 PIN 12 |
| | 76 | | 27 | 28 | XA9 PIN 9 | XA10 PIN 9 |
| | 77 | | 28 | 29 | XA10 PIN 6 | XA11 PIN 6 |
| | 78 | | 28 | 29 | XA10 PIN 4 | XA11 PIN 4 |
| | 79 | LWC26(7)92 | 28 | 29 | XA10 PIN 12 | XA11 PIN 12 |

| REQ | ITEM | PART NUMBER | BREAKOUT | | DESTINATION OR DESCRIPTION | |
|-----|------|--------------|----------|----|----------------------------|-------------|
| | | | FROM | TO | FROM | TO |
| | 80 | LWC26(7)U0 | 28 | 29 | XA10 PIN 9 | XA11 PIN 9 |
| | 81 | | 29 | 30 | XA11 PIN 6 | XA12 PIN 6 |
| | 82 | | 29 | 30 | XA11 PIN 4 | XA12 PIN 4 |
| | 83 | | 29 | 30 | XA11 PIN 12 | XA12 PIN 12 |
| | 84 | | 29 | 30 | XA11 PIN 9 | XA12 PIN 9 |
| | 85 | | 30 | 31 | XA12 PIN 6 | XA13 PIN 6 |
| | 86 | | 30 | 31 | XA12 PIN 4 | XA13 PIN 5 |
| | 87 | | 30 | 31 | XA12 PIN 12 | XA13 PIN 12 |
| | 88 | | 16 | 31 | XA2 PIN 4 | XA13 PIN 2 |
| | 89 | | 31 | 16 | XA13 PIN 5 | XA2 PIN J |
| | 90 | | 16 | 32 | XA2 PIN 4 | XA1 PIN 2 |
| | 91 | LWC26(7)U0 | 16 | 32 | XA2 PIN J | XA1 PIN 7 |
| | 92 | MWC24(7)U3 | 9 | 15 | XDS-3 | T1 PIN 7 |
| | 93 | MWC24(7)U4 | 9 | 15 | XDS-3 | T1 PIN 8 |
| | 94 | MWC24(7)U90 | 14 | 34 | T1 PIN 1 | TBI TERM. 1 |
| | 95 | MWC24(7)U98 | 14 | 34 | T1 PIN 3 | TBI TERM. 2 |
| | 96 | CD 101-1/MW | | | CORD, NYLON, LACING | |
| | 97 | BS 100 | | | SOLDER, TIN ALLOY | |
| 2 | 98 | LA 101 | | | BAND, MKR, CBL | |
| 2 | 99 | TE 120 - 2 | | | LUG, SPADE | |
| 3 | 100 | TE 156-32945 | | | LUG, TERMINAL | |