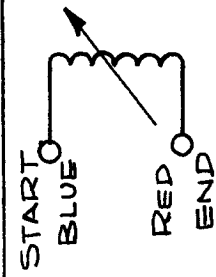
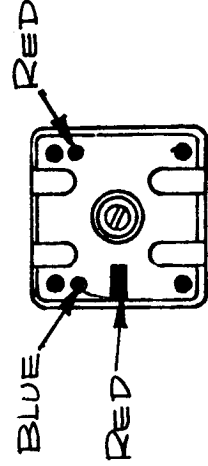
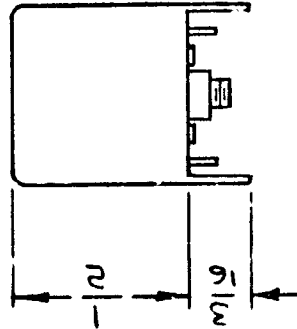
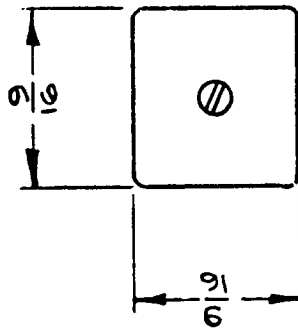


|   |  |                                   |  |                            |  |                        |  |       |  |
|---|--|-----------------------------------|--|----------------------------|--|------------------------|--|-------|--|
| REQ. PER UNIT<br><b>2</b>   |  | USED ON<br>MODEL<br><b>LFSB-1</b> |  | ASSY. NO.<br><b>A 3791</b> |  | DATE<br><b>3-17-65</b> |  | AC201 |  |
| <p style="text-align: center;"><b>ELECTRICAL SPECS.<br/>(WITH SLUG INSERTED)</b></p> <p><b>OPERATING FREQUENCY:</b><br/>INDUCTANCE @ 2.5 MC<br/>PRIMARY: <math>27\mu h \pm 1\mu h</math><br/>SECONDARY: NOT RATED<br/>"Q" (PRIMARY) @ 1.05 MC : <math>&gt; 110</math></p> <p><b>MECHANICAL SPEC.</b></p> <p><b>TURNS</b><br/>PRIMARY: 49<br/>SECONDARY: <math>\infty</math><br/>COLOR CODE: RED<br/>CASE: COPPER CAN<br/>CASE FINISH: TIN-PLATED<br/>QUANTITY TERM: -4<br/>MATERIAL:<br/>CORE &amp; SLUG: POWDERED IRON</p> |  |                                   |  |                            |  |                        |  |       |  |



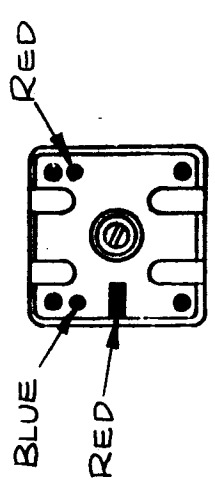
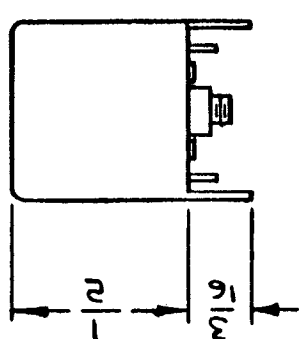
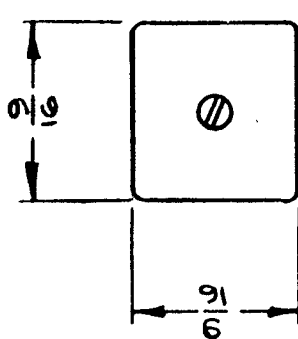
SCHEMATIC DIAGRAM

|           |          |   |                                      |
|-----------|----------|---|--------------------------------------|
| REQ. ITEM | PART NO. | DESCRIPTION   | SYMBOL                               |
|           |          | THE TECHNICAL MATERIEL CORP.<br>MAMARONECK.<br>NEW YORK |                                      |
|           |          | COIL, RF, ADJUSTABLE                                    |                                      |
|           |          | MATERIAL  |                                      |
|           |          | TYPE & TEMPER   |                                      |
|           |          | HEAT TREAT. SPEC.                                       |                                      |
|           |          | FINISH & SPEC. NO.                                      |                                      |
|           |          | DRAWN<br><b>H. AUSTIN</b><br>3-29-65                    | FINAL APPROVAL<br><b>[Signature]</b> |
|           |          | CHECKED   | AC201                                |

|             |                                 |         |             |        |         |           |
|-------------|---------------------------------|---------|-------------|--------|---------|-----------|
| SYM         | DESCRIPTION                     | DATE    | CH. NO.     | DRAFTS | CHECKER | ENG. APP. |
| $\emptyset$ | ORIGINAL RELEASE FOR PRODUCTION | 4-7-65  | $\emptyset$ | 98     |         |           |
| X           | EXPER. RELEASE                  | 3-17-65 | X           | HLA    | 98      |           |

|                                       |       |          |
|---------------------------------------|-------|----------|
| UNLESS OTHERWISE SPECIFIED            | SCALE | CODE     |
| DIMENSIONS ARE IN INCHES AND INCLUDE  |       | A        |
| CHEMICALLY APPLIED OR PLATED FINISHES |       | 2-A-3936 |
| FRACTIONS                             |       |          |
| $\pm .05$                             |       |          |
| $\pm .01$                             |       |          |
| $\pm .005$                            |       |          |
| ANGLES                                |       |          |
| $\pm 0^{\circ} 30'$                   |       |          |

|          |         |           |        |
|----------|---------|-----------|--------|
| PER UNIT | 1       | USED ON   | AC 202 |
| MODEL    | LF5B-1  | ABBY. NO. | A3791  |
| DATE     | 3-17-65 |           |        |

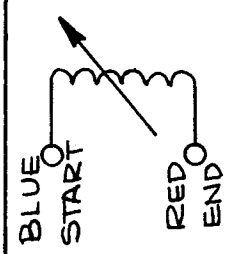


**ELECTRICAL SPECS.**  
(WITH SLUG INSERTED)

OPERATING FREQUENCY:  
INDUCTANCE @ 2.5 MC  
PRIMARY:  $49\mu h \pm 1\mu h$   
SECONDARY: NOT RATED  
"Q" (PRIMARY) @ 1.05 MC : > 125

**MECHANICAL SPEC.**

**TURNS**  
PRIMARY: 66  
SECONDARY: ~~1~~  
COLOR CODE: RED  
CASE: COPPER CAN  
CASE FINISH: TIN-PLATED  
QUANTITY TERM: -4  
MATERIAL:  
CORE & SLUG: POWDERED IRON



SCHEMATIC DIAGRAM

|           |  |                    |                   |   |                |
|-----------|--|--------------------|-------------------|---|----------------|
| REQ. ITEM |  | PART NO.           |                   | DESCRIPTION   | SYMBOL         |
|           |  |                    |                   | THE TECHNICAL MATERIEL CORP.<br>MAMARONECK.<br>NEW YORK |                |
|           |  | STOCK SIZE         |                   | COIL, RF, ADJUSTABLE                                    |                |
|           |  | MATERIAL           |                   |   |                |
|           |  | TYPE & TEMPER      | HEAT TREAT. SPEC. | DRAWN   | CHECKED        |
|           |  |                    |                   | H. AUSTIN   | 3-29-65        |
|           |  |                    |                   |   | FINAL APPROVAL |
|           |  | FINISH & SPEC. NO. |                   |   | AC 202         |

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES AND INCLUDE  
CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS  
X ± .05  
XX ± .01  
XXX ± .005

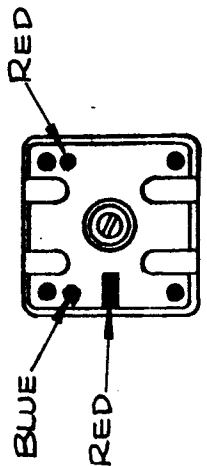
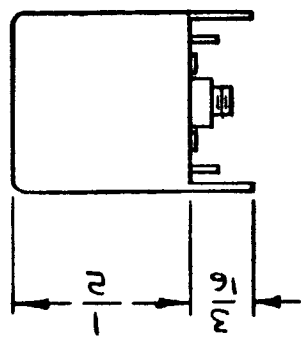
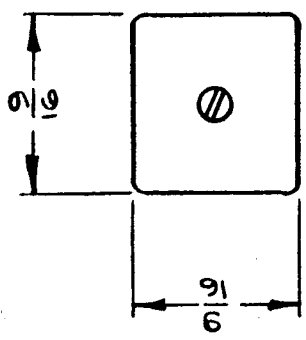
FRACTIONS  
± 1/64  
ANGLES  
± 0° 30'

TOLERANCES

DATE: 3-17-65  
DRAFTS: HLA  
CHECKER: JX  
SCALE: A

2-A-3937

|               |         |           |       |
|---------------|---------|-----------|-------|
| REQ. PER UNIT | 1       | USED ON   | AC203 |
| MODEL         | LFSB-1  | ASSY. NO. | A3791 |
| DATE          | 3-17-65 |           |       |

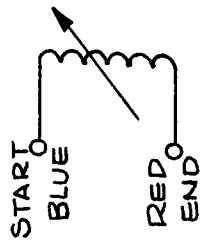


ELECTRICAL SPECS.  
(WITH SLUG INSERTED)

OPERATING FREQUENCY:  
INDUCTANCE @ 7.9 MCS  
PRIMARY: 8.5  $\mu$ h  $\pm$  .2  $\mu$ h  
SECONDARY: NOT RATED  
"Q" (PRIMARY) @ 5.25 MCS: > 120

MECHANICAL SPEC.

URNS  
PRIMARY: 27  
SECONDARY: ~~4~~  
COLOR CODE: RED  
CASE: COPPER CAN  
CASE FINISH: TIN-PLATED  
QUANTITY TERM: -4  
MATERIAL:  
CORE & SLUG: POWDERED IRON



SCHEMATIC DIAGRAM

| REQ. ITEM | PART NO. | DESCRIPTION  | SYMBOL |
|-----------|----------|--|--------|
|           |          | THE TECHNICAL MATERIEL CORP.<br>MAMARONECK. NEW YORK |        |
|           |          | COIL, RF, ADJUSTABLE                                 |        |
|           |          | MATERIAL   |        |
|           |          | TYPE & TEMPER  |        |
|           |          | HEAT TREAT. SPEC.                                    |        |
|           |          | FINISH & SPEC. NO.                                   |        |
|           |          | DRAWN  |        |
|           |          | CHECKED  |        |
|           |          | FINAL APPROVAL                                       |        |
|           |          |  | AC203  |

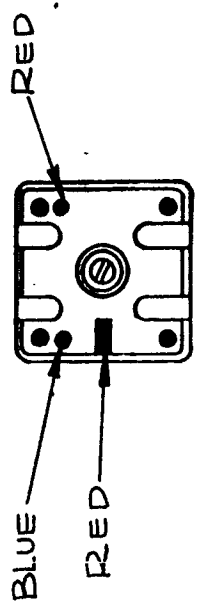
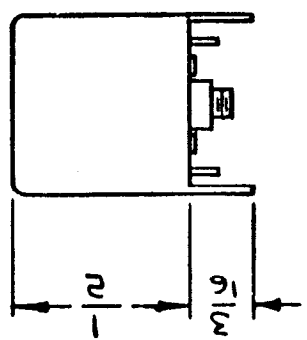
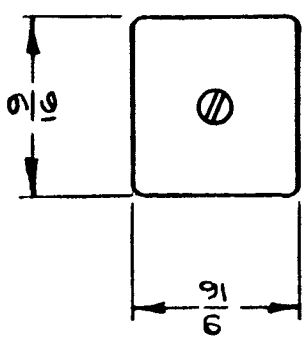
  

| SYM | DESCRIPTION                     | DATE    | CH. NO. | DRAFTS | CHECKER | ENG. APP. |
|-----|---------------------------------|---------|---------|--------|---------|-----------|
|     | ORIGINAL RELEASE FOR PRODUCTION | 4/16/65 |         |        | HLA     |           |
| X   | EXPER. RELEASE                  | 3/17/65 | X       |        | HLA     |           |

| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | SCALE   |
|---|---|
| DECIMALS<br>.X $\pm$ .05<br>.XX $\pm$ .01<br>.XXX $\pm$ .005  |   |
| TOLERANCES  | FRACTIONS<br>$\pm$ 1/64<br>ANGLES<br>$\pm$ 0° 30' |
| A   | 2-A-3938  |

|               |            |         |
|---------------|------------|---------|
| REQ. PER UNIT | USED ON    | DATE    |
| 1             | MODEL      | DATE    |
|               | LFSB-1     | 3-17-65 |
|               | ABB'Y. NO. |         |
|               | A 3791     |         |
|               | AC 204     |         |



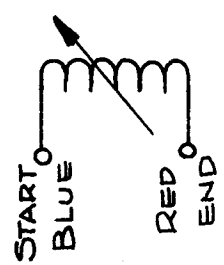
ELECTRICAL SPECS.  
(WITH SLUG INSERTED)

OPERATING FREQUENCY:  
INDUCTANCE @ 7.9 MCS  
PRIMARY:  $6.8 \mu h \pm .2 \mu h$   
SECONDARY: NOT RATED  
"Q" (PRIMARY) @ 5.25 MCS:  $> 128$

MECHANICAL SPEC.

URNS

PRIMARY: 24  
SECONDARY: 44  
COLOR CODE: RED  
CASE: COPPER CAN  
CASE FINISH: TIN-PLATED  
QUANTITY TERM: -4  
MATERIAL:  
CORE & SLUG: POWDERED IRON



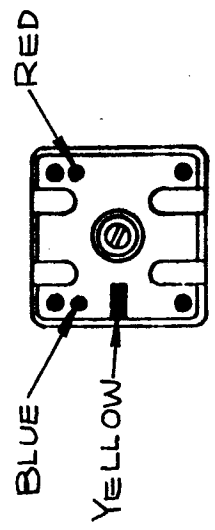
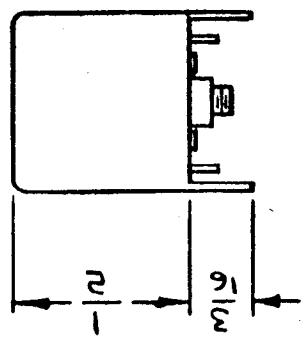
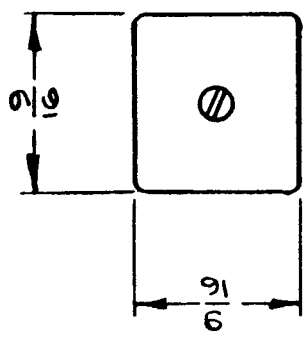
SCHEMATIC DIAGRAM

| REQ. ITEM | PART NO. | DESCRIPTION  | SYMBOL |
|-----------|----------|--|--------|
|           | 4        | THE TECHNICAL MATERIEL CORP.<br>MAMARONECK. NEW YORK |        |
|           |          | STOCK SIZE   |        |
|           |          |  |        |
|           |          | MATERIAL   |        |
|           |          |  |        |
|           |          | TYPE & TEMPER  |        |
|           |          | HEAT TREAT. SPEC                                     |        |
|           |          | DRAWN  |        |
|           |          | CHECKED  |        |
|           |          | FINAL APPROVAL                                       |        |
|           |          | FINISH & SPEC. NO.                                   |        |
|           |          | ELEC. DES. APP.                                      |        |
|           |          | MECH. DES. APP.                                      |        |

|   |           |           |
|---|-----------|-----------|
| DATE  | CHECKER   | ENG. APP. |
| 4-7-65  | J.P.      |           |
| 3-17-65   | ALA. J.P. |           |
| SCALE   |           |           |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES AND INCLUDE<br>CHEMICALLY APPLIED OR PLATED FINISHES |           |           |
| DECIMALS  | FRACTIONS |           |
| .X ± .05  | ± 1/64    |           |
| .XX ± .01   | ANGLES    |           |
| .XXX ± .005   | ± 0° 30'  |           |
| CODE  | 2-A-3939  |           |
| A   |           |           |

|               |   |           |        |         |         |
|---------------|---|-----------|--------|---------|---------|
| REQ. PER UNIT | 1 | MODEL     | LFSB-1 | USED ON | AC205   |
|               |   | ASSY. NO. | A3791  | DATE    | 3-16-65 |

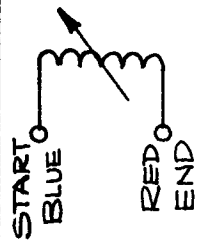


ELECTRICAL SPECS.  
(WITH SLUG INSERTED)

OPERATING FREQUENCY:  
INDUCTANCE @ 7.9 MCS  
PRIMARY:  $1.91 \mu h \pm .1 \mu h$   
SECONDARY: NOT RATED  
"Q" (PRIMARY) @ 10 MCS:  $> 112$

MECHANICAL SPEC.

TURNS  
PRIMARY: 14  
SECONDARY: 4  
COLOR CODE: YELLOW  
CASE: COPPER CAN  
CASE FINISH: TIN-PLATED  
QUANTITY TERM: -4  
MATERIAL:  
CORE & SLUG: POWDERED IRON



SCHEMATIC DIAGRAM

| REQ. ITEM | PART NO. | DESCRIPTION  | SYMBOL |
|-----------|----------|--|--------|
|           |          | THE TECHNICAL MATERIEL CORP.<br>MAMARONECK. NEW YORK |        |
|           |          | COIL, RF, ADJUSTABLE                                 |        |
|           |          | MATERIAL   |        |
|           |          | TYPE & TEMPER  |        |
|           |          | HEAT TREAT. SPEC.                                    |        |
|           |          | CHECKED  |        |
|           |          | DRAWN  |        |
|           |          | FINAL APPROVAL                                       |        |
|           |          | FINISH & SPEC. NO.                                   |        |
|           |          | ELEC. DES. APP.                                      |        |
|           |          | MECH. DES. APP.                                      |        |

ORIGINAL RELEASE FOR PRODUCTION

EXPER. RELEASE

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES AND INCLUDE  
CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES

FRACTIONS

DECIMALS

X ± .05  
.XX ± .01  
.XXX ± .005

2-A-3940

A

TOLERANCES

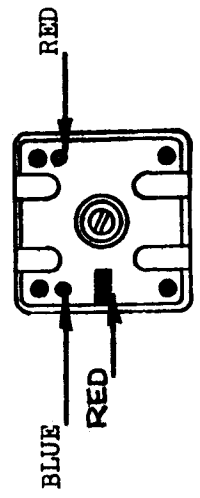
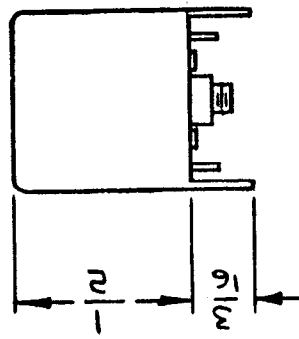
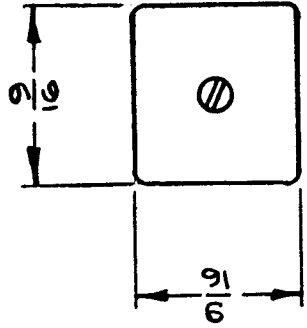
FRACTIONS

DECIMALS

X ± .05  
.XX ± .01  
.XXX ± .005

AC205

|               |           |         |
|---------------|-----------|---------|
| REQ. PER UNIT | USED ON   | AC-206  |
| 1             | MODEL     |         |
|               | LFSB-1    |         |
|               | ASSY. NO. | A-3789  |
|               | DATE      | 3-18-65 |



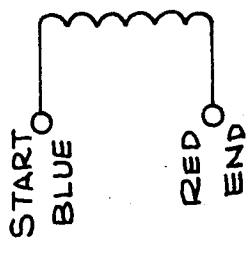
**ELECTRICAL SPECS.  
(WITH SLUG INSERTED)**

**OPERATING FREQUENCY:**

INDUCTANCE @ 7.9 MCS  
 PRIMARY: 5.5  $\mu$ h  $\pm$  0.2  $\mu$ h  
 SECONDARY: NOT RATED  
 "Q" (PRIMARY) @ 6.08 MCS: >130

**MECHANICAL SPEC.**

**TURNS**  
 PRIMARY: 21  
 SECONDARY: ~~21~~  
 COLOR CODE: RED  
 CASE: COPPER CAN  
 CASE FINISH: TIN-PLATED  
 QUANTITY TERM: -4  
 MATERIAL: POWDERED IRON  
 CORE & SLUG:



**SCHEMATIC DIAGRAM**

| REQ. ITEM | PART NO. | DESCRIPTION  | SYMBOL |
|-----------|----------|--|--------|
|           | A        | THE TECHNICAL MATERIEL CORP.<br>MAMARONECK. NEW YORK |        |
|           |          | COIL, RF, ADJUSTABLE                                 |        |
|           |          | MATERIAL   |        |
|           |          | STOCK SIZE   |        |
|           |          | HEAT TREAT. SPEC.                                    |        |
|           |          | FINISH & SPEC. NO.                                   |        |
|           |          | TYPE & TEMPER  |        |
|           |          | DRAWN  |        |
|           |          | CHECKED  |        |
|           |          | FINAL APPROVAL                                       |        |
|           |          | ELEC. DES. APP.                                      |        |
|           |          | MECH. DES. APP.                                      |        |
|           |          | AC-206   |        |

ORIGINAL RELEASE FOR PRODUCTION 4.7.65  
 X EXPR. RELEASE 3/18/65

SYN DESCRIPTION DATE CH. NO. DRAFTS CHECKER ENG. APP.  
 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES  
 TOLERANCES FRACTIONS  $\pm$  1/64 ANGLES  $\pm$  0° 30' DECIMALS X  $\pm$  .05 XX  $\pm$  .01 XXX  $\pm$  .005  
 SCALE 2-A-3952  
 CODE A

|               |        |           |         |
|---------------|--------|-----------|---------|
| REQ. PER UNIT | 1      | USED ON   | AC211 A |
| MODEL         | CMRA-1 | ASSY. NO. | A-421G  |
|               |        | DATE      | 5-7-65  |

ELECTRICAL SPECIFICATIONS (W/SLUG)

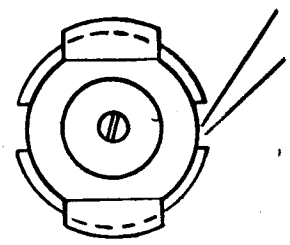
OPERATING FREQUENCY:  
 INDUCATNCE @ 79.5 KC  
 PRIMARY: 32 MH ± 0.5 MH

"Q" (PRIMARY) @ 79.5 Kc MIN. 100

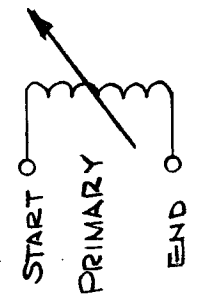
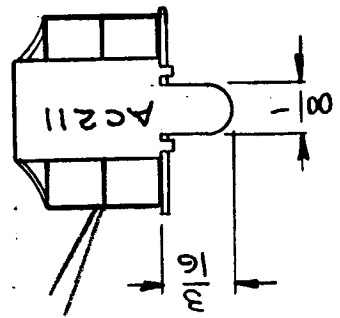
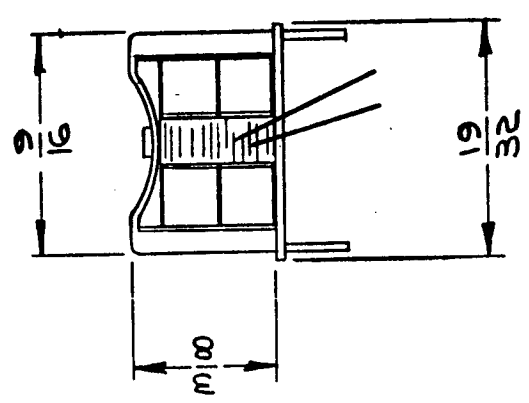
MECHANICAL SPECIFICATIONS

TURNS  
 PRIMARY: 530

RETAINER, BOTTOM: BRASS CAD PLATED  
 RETAINER, TOP: NICKEL SILVER H/H  
 MATERIAL:  
 CORE & SLUG: FERRITE



PRIMARY LEADS



| REQ. ITEM | PART NO. | DESCRIPTION                                 | SYMBOL         |
|-----------|----------|---|----------------|
|           |          | THE TECHNICAL MATERIEL CORP.<br>MAMARONECK. |                |
|           |          | COIL, RF ADJ.                               |                |
|           |          | SYN-A-L4                                    |                |
|           |          | AL Austin                                   | 5/14/65        |
|           |          | DRAWN                                       | FINAL APPROVAL |
|           |          | HEAT TREAT. SPEC.                           |                |
|           |          | CHECKED                                     |                |
|           |          | FINISH & SPEC. NO.                          | AC211 A        |
|           |          | ELEC. DES. APP.                             |                |
|           |          | MECH. DES. APP.                             |                |

DATE: 8-9-65 / 19636  
 CHECKER: J.P. NIX  
 DRAFTS: WLA  
 SCALE: 2:1  
 CODE: A  
 2A4258

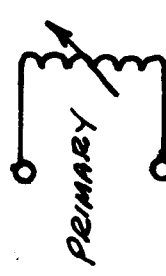
UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES AND INCLUDE  
 CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES

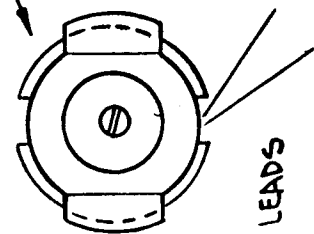
FRACTIONS  
 X ± .05  
 XX ± .01  
 XXX ± .005

ANGLES  
 ± 1/64  
 ± 0° 30'

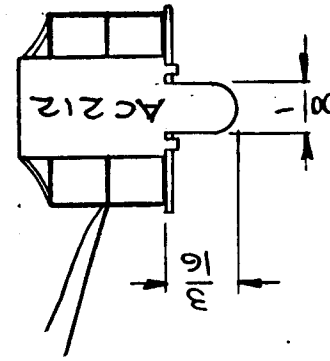
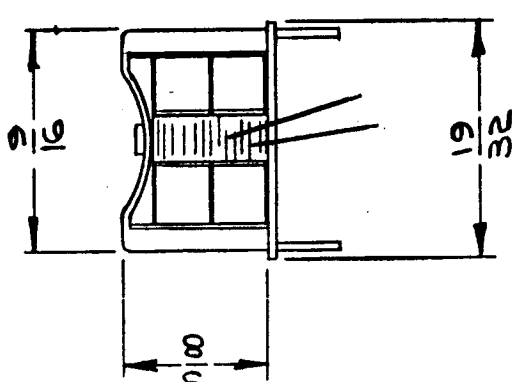
|   |                 |                            |                |       |   |
|---|-----------------|----------------------------|----------------|-------|---|
| REQ. PER UNIT<br>1  | MODEL<br>CMRA-1 | USED ON ASSY. NO.<br>A4218 | DATE<br>5-7-65 | AC212 | A |
| ELECTRICAL SPECIFICATIONS (W/SLUG)  |                 |                            |                |       |   |
| OPERATING FREQUENCY:<br>INDUCATNCE @ 250 KC<br>PRIMARY 5.2MH ± .15MH<br>SECONDARY: NOT RATED<br>"Q" (PRIMARY) @ 250 KC MIN 80 |                 |                            |                |       |   |
| MECHANICAL SPECIFICATIONS   |                 |                            |                |       |   |
| TURNS<br>PRIMARY: 2/8   |                 |                            |                |       |   |
| RETAINER, BOTTOM: BRASS CAD PLATED<br>RETAINER, TOP: NICKEL SILVER H/H<br>MATERIAL:<br>CORE & SLUG: FERRITE                   |                 |                            |                |       |   |



STAMP TMC PART NO.,  
3/32 HIGH GOTHIC, WITH  
LATEST REVISION LETTER.



PRIMARY LEADS



| REQ. ITEM | PART NO. | DESCRIPTION  | SYMBOL |
|-----------|----------|--|--------|
|           |          | THE TECHNICAL MATERIEL CORP.<br>MAMARONECK. NEW YORK |        |
|           |          | COIL, RF, ADJ.                                       |        |
|           |          | SYN - B - L2   |        |
|           |          | H. AUSTIN  |        |
|           |          | DRAWN  |        |
|           |          | CHECKED  |        |
|           |          | FINAL APPROVAL                                       |        |
|           |          | ELEC. DES. APP. MECH. DES. APP.                      |        |
|           |          | FINISH & SPEC. NO.                                   |        |
|           |          | 2:1  |        |
|           |          | 2 A 4257   |        |
|           |          | A  |        |
|           |          | AC212  |        |
|           |          | A  |        |

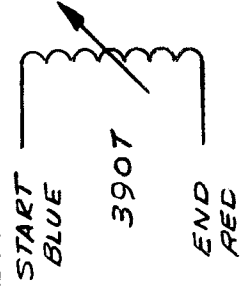


|               |       |           |          |
|---------------|-------|-----------|----------|
| REQ. PER UNIT | 1     | USED ON   | AC 213 A |
| MODEL         | CDN-3 | ASSY. NO. | A 4350   |
|               |       | DATE      | 2-21-66  |

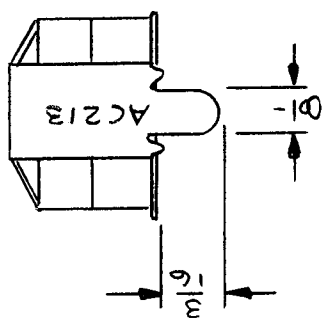
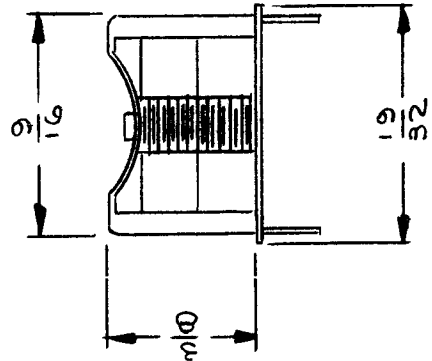
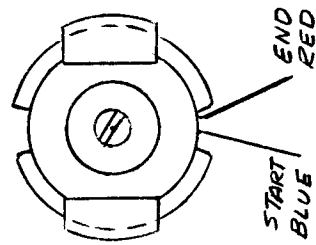
ELECTRICAL SPECS.  
(WITH SLUG INSERTED)

OPERATING FREQUENCY:  
NOM INDUCTANCE  
PRIMARY: 16.0 mh  
"Q" (PRIMARY) @ 150 KHZ: > 200  
SLUG TRAVEL: MIN 15' MAX 17 MH @ 79KHZ  
MECHANICAL SPEC.

URNS  
PRIMARY: 390 TURNS APPROX.  
RETAINER, BOTTOM: BRASS CAD PLATED  
RETAINER, TOP: NICKEL SILVER H/H  
MATERIAL:  
CORE & SLUG: POWDERED IRON

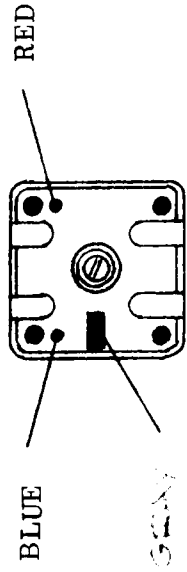
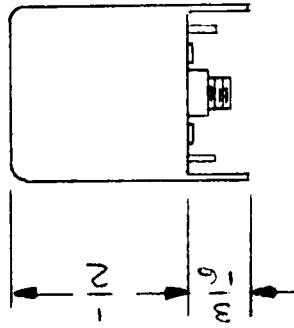
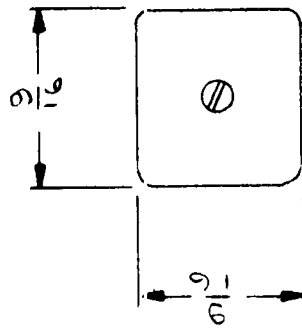


SCHEMATIC DIAGRAM



| REQ. ITEM | PART NO. | DESCRIPTION   | SYMBOL  |
|-----------|----------|---|---------|
|           |          | THE TECHNICAL MATERIEL CORP.<br>MAMARONECK. NEW YORK  |         |
|           |          | COIL, RF, ADJUSTABLE  |         |
|           |          | MATERIAL  |         |
|           |          | STOCK SIZE  |         |
|           |          | TYPE & TEMPER   |         |
|           |          | HEAT TREAT. SPEC.   |         |
|           |          | FINISH & SPEC. NO.  |         |
|           |          | DATE  | 3/25/66 |
|           |          | CH. NO.   | 1642 WW |
|           |          | DRAFTS  |         |
|           |          | CHECKER   |         |
|           |          | ENG. APP.   |         |
|           |          | SCALE   |         |
|           |          | DESCRIPTION   |         |
|           |          | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES AND INCLUDE<br>CHEMICALLY APPLIED OR PLATED FINISHES |         |
|           |          | TOLERANCES  |         |
|           |          | FRACTIONS   |         |
|           |          | DECIMALS  |         |
|           |          | ANGLES  |         |
|           |          | CODE  | 2A4437  |
|           |          | FINISH & SPEC. NO.  |         |
|           |          | ELEC. DES. APP.   |         |
|           |          | MECH. DES. APP.   |         |
|           |          | CHECKED   |         |
|           |          | DRAWN   |         |
|           |          | FINAL APPROVAL  |         |

|               |       |           |         |
|---------------|-------|-----------|---------|
| REQ. PER UNIT | 1     | USED ON   | AC 214  |
| MODEL         | CDN-3 | ASSY. NO. | A 4352  |
|               |       | DATE      | 2/10/66 |

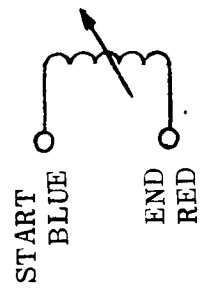


**ELECTRICAL SPECS.**  
 (WITH SLUG INSERTED)  
 OPERATING FREQUENCY: 100 KHZ  
 INDUCTANCE @ 790 KHZ  
 PRIMARY: 450 UH ± 10 UH  
 SECONDARY: NOT RATED  
 "Q" (PRIMARY) @ 100 KHZ: > 55

**MECHANICAL SPEC.**

PRIMARY: 178  
 SECONDARY: NA  
 COLOR CODE: GRAY  
 CASE: COPPER CAN  
 CASE FINISH: TIN-PLATED  
 QUANTITY TERM: 4  
 MATERIAL:  
 CORE & SLUG: POWERED IRON

**SCHEMATIC**



|           |                    |                   |   |                 |
|-----------|--------------------|-------------------|---|-----------------|
| REQ. ITEM | PART NO.           | POSE              | DESCRIPTION   | SYMBOL          |
|           |                    |                   | THE TECHNICAL MATERIEL CORP.<br>MAMARONECK.<br>NEW YORK |                 |
|           | STOCK SIZE         |                   | COIL, RF, ADJUSTABLE                                    |                 |
|           | MATERIAL           |                   |   |                 |
|           | TYPE & TEMPER      | HEAT TREAT. SPEC. |   |                 |
|           |                    |                   | J.L.  | FINAL APPROVAL  |
|           |                    |                   | Checked   | AC 214          |
|           | FINISH & SPEC. NO. |                   | ELEC. DES. APP.   | MECH. DES. APP. |

UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES AND INCLUDE  
 CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS  
 .X ± .05  
 .XX ± .01  
 .XXX ± .005

FRACTIONS  
 ± 1/64  
 ANGLES  
 ± 0° 30'

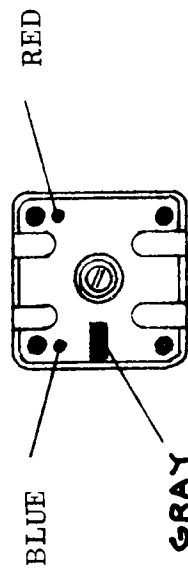
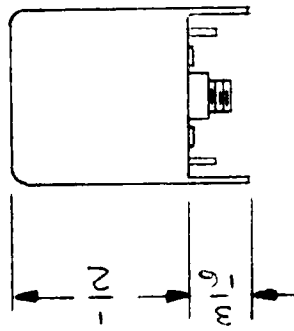
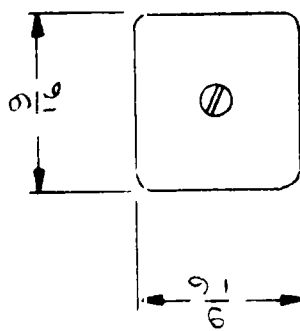
|                     |                |                 |
|---------------------|----------------|-----------------|
| REQ. PER UNIT<br>1  | USED ON        |                 |
|                     | MODEL<br>CDN-3 | DATE<br>2/10/66 |
| ASSY. NO.<br>A 4352 |                | AC 215          |

**ELECTRICAL SPECS.  
(WITH SLUG INSERTED)**

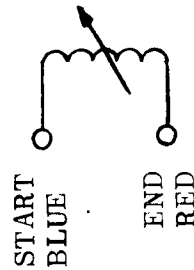
OPERATING FREQUENCY: 355 KHZ  
 INDUCTANCE @ 2.5 MHZ  
 PRIMARY: 73 UH + AND -5UH  
 SECONDARY: NOT RATED  
 "Q" (PRIMARY) @ 355 KHZ: > 70

**MECHANICAL SPEC.**

PRIMARY: 72  
 SECONDARY: NA  
 COLOR CODE: GRAY  
 CASE: COPPER CAN  
 CASE FINISH: TIN-PLATED  
 QUANTITY TERM: 4  
 MATERIAL:  
 CORE & SLUG: POWERED IRON



**SCHEMATIC**

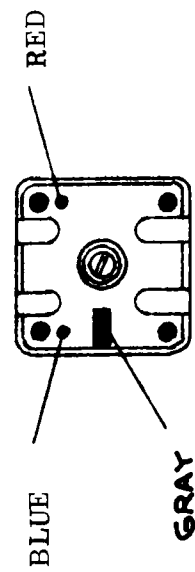
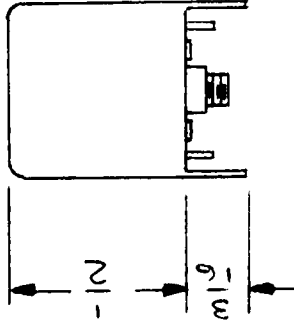
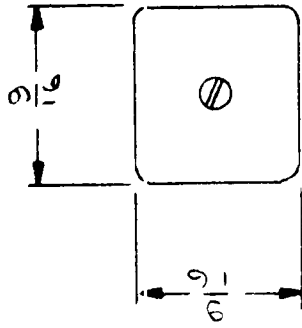


|                    |                   |  |                |
|--------------------|-------------------|--|----------------|
| REQ. ITEM          | PART NO.          | DESCRIPTION  | SYMBOL         |
|                    |                   | POSE   |                |
| STOCK SIZE         |                   | THE TECHNICAL MATERIEL CORP.<br>MAMARONECK, NEW YORK |                |
| MATERIAL           |                   | COIL, RF, ADJUSTABLE                                 |                |
| TYPE & TEMPER      | HEAT TREAT. SPEC. | J.L.   | FINAL APPROVAL |
|                    |                   | DRAWN  | CHECKED        |
| FINISH & SPEC. NO. |                   | AC 215   |                |
| ELEC. DES. APP.    |                   | MECH. DES. APP.                                      |                |

ORIGINAL REVISIONS PRODUCTION

|            |   |             |         |        |          |           |
|------------|---|-------------|---------|--------|----------|-----------|
| SYM        | DESCRIPTION   | DATE        | CH. NO. | DRAFTS | CHECKER  | ENG. APP. |
|            | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES |             |         |        |          |           |
| TOLERANCES |   | FRACTIONS   |         | SCALE  |          |           |
| .X ± .05   | .XX ± .01   | .XXX ± .005 | ± 1/64  | ANGLES | ± 0° 30' |           |
| CODE       |   | 2A4424      |         | A      |          |           |

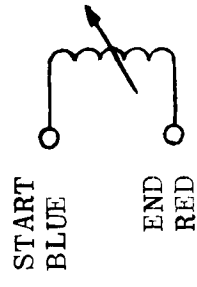
|               |           |         |
|---------------|-----------|---------|
| REQ. PER UNIT | USED ON   | AC 216  |
|               | MODEL     |         |
|               | CDN-3     |         |
|               | ASSY. NO. | A 4349  |
|               | DATE      | 2/10/66 |



ELECTRICAL SPECS.  
(WITH SLUG INSERTED)  
OPERATING FREQUENCY: 455 KHZ  
INDUCTANCE @ 2.5 MHZ  
PRIMARY: 31 UH ± -10 UH  
SECONDARY: NOT RATED  
"Q" (PRIMARY) @ 455 KHZ : > 60  
MECHANICAL SPEC.

URNS  
PRIMARY: 50  
SECONDARY: NA  
COLOR CODE: GRAY  
CASE: COPPER CAN  
CASE FINISH: TIN-PLATED  
QUANTITY TERM: 4  
MATERIAL:  
CORE & SLUG: POWERED IRON

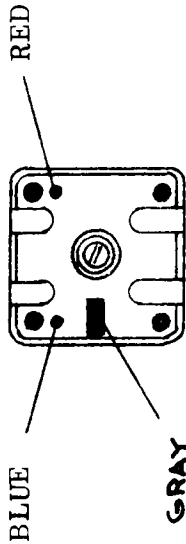
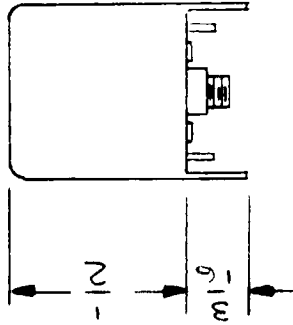
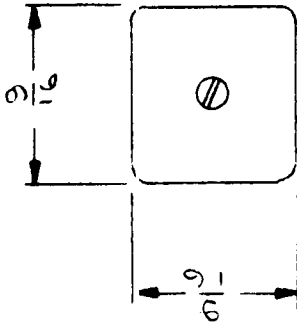
SCHEMATIC



|           |                    |  |                |
|-----------|--------------------|--|----------------|
| REQ. ITEM | PART NO.           | DESCRIPTION  | SYMBOL         |
|           |                    | POSE   |                |
|           |                    | THE TECHNICAL MATERIEL CORP.<br>MAMARONECK. NEW YORK |                |
|           | STOCK SIZE         | COIL, RF, ADJUSTABLE                                 |                |
|           | MATERIAL           |  |                |
|           | TYPE & TEMPER      | J.L.   |                |
|           | HEAT TREAT. SPEC.  | DRAWN  | FINAL APPROVAL |
|           | FINISH & SPEC. NO. | ELEC. DES. APP. MECH. DES. APP.                      | AC 216         |

|   |             |      |         |        |         |           |
|---|-------------|------|---------|--------|---------|-----------|
| SYMBOL  | DESCRIPTION | DATE | CH. NO. | DRAFTS | CHECKER | ENG. APP. |
|   | PRODUCTION  |      |         |        |         |           |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES AND INCLUDE<br>CHEMICALLY APPLIED OR PLATED FINISHES |             |      |         |        |         |           |
| SCALE   |             |      |         |        |         |           |
| TOLERANCES  |             |      |         |        |         | CODE      |
| DECIMALS  |             |      |         |        |         | A         |
| .X ± .05  |             |      |         |        |         | 2A4425    |
| .XX ± .01   |             |      |         |        |         |           |
| .XXX ± .005   |             |      |         |        |         |           |
| FRACTIONS   |             |      |         |        |         | 2A4425    |
| ± 1/64  |             |      |         |        |         |           |
| ANGLES<br>± 0° 30'  |             |      |         |        |         |           |

|               |           |         |
|---------------|-----------|---------|
| REQ. PER UNIT | USED ON   | AC 217  |
| 1             | MODEL     |         |
|               | ASSY. NO. |         |
|               | DATE      |         |
|               | CDN-3     | A 4351  |
|               |           | 2/10/66 |



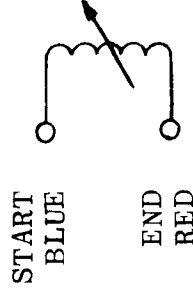
**ELECTRICAL SPECS.**  
(WITH SLUG INSERTED)

OPERATING FREQUENCY: 455 KHZ  
 INDUCTANCE @ 2.5 MHZ  
 PRIMARY: 38 **UH** ± 5 UH  
 SECONDARY: NOT RATED  
 "Q" (PRIMARY) @ 455 KHZ: > 65

**MECHANICAL SPEC.**

**TURNS**  
 PRIMARY: 54  
 SECONDARY: NA  
 COLOR CODE: GRAY  
 CASE: COPPER CAN  
 CASE FINISH: TIN-PLATED  
 QUANTITY TERM: 4  
 MATERIAL:  
 CORE & SLUG: POWERED IRON

**SCHEMATIC**



PRODUCTION

|     |   |           |         |        |         |           |
|-----|---|-----------|---------|--------|---------|-----------|
| SYM | DESCRIPTION   | DATE      | CH. NO. | DRAFTS | CHECKER | ENG. APP. |
|     | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES |           |         |        |         |           |
|     | TOLERANCES  | FRACTIONS |         | SCALE  |         |           |
|     | .X ± .05  | ± 1/64    |         | CODE   |         |           |
|     | .XX ± .01   | ANGLES    |         | 2A4426 |         |           |
|     | .XXX ± .005   | ± 0° 30'  |         | A      |         |           |

|           |          |                    |        |
|-----------|----------|--------------------|--------|
| REQ. ITEM | PART NO. | DESCRIPTION        | SYMBOL |
|           | #        | POSE               |        |
|           |          | STOCK SIZE         |        |
|           |          | MATERIAL           |        |
|           |          | TYPE & TEMPER      |        |
|           |          | HEAT TREAT. SPEC   |        |
|           |          | FINISH & SPEC. NO. |        |
|           |          | ELEC. DES. APP.    |        |
|           |          | MECH. DES. APP.    |        |
|           |          | AC 217             |        |

THE TECHNICAL MATERIEL CORP.  
 MAMARONECK. NEW YORK

COIL, RF, ADJUSTABLE