

| DASH NO. | APPLICATION |         | REVISIONS |                 |          |            |
|----------|-------------|---------|-----------|-----------------|----------|------------|
|          | NEXT ASSY   | USED ON | LTR       | DESCRIPTION     | DATE     | DRAFTING   |
|          |             |         | A         | INITIAL RELEASE | 09/10/10 | J. Campisi |

  

LEAD WIDTH  
.250 (TYP)  
LENGTH=.150" MIN

2.65  
.250  
2.15  
2.65  
2.40  
.125  
.575  
1.500  
-3dB  
MITEQ  
M-22-42-91KW402  
200-400 MHz  
S/N: XXXXXXXX  
IN  
ISO  
INNER DIA OF EYELET  
TO BE .100  
.340 MAX.  
.170 TYP

**NOTES:**

- MATERIAL: ALUMINUM ALLOY T-6061
- FINISH:  
TRIVALENT CHROMATE CONVERSION  
IAW MIL-DTL-5541, TYPE II, CLASS 3.

**NOTES:**

- MECHANICAL RELIEF FOR EYELET PROJECTION IS NECESSARY.  
(EYELET PROJECTION = 0.03", DIAMETER = 0.22" MAX)
- COUPLERS ARE RATED AT 100% OF POWER TO 85°C BASE PLATE
- TOLERANCE: ±.010" UNLESS SPECIFIED.

|                                                                                                                                                                                         |                                |                                                 |                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------|-----------------------------------------------------------------------|
| ALL PAGES ARE OF<br>ORIGINAL ISSUE (A)<br>EXCEPT AS NOTED.<br><br>UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ON<br>DECIMALS .XX±.01 ANGLES ±0°30'<br>XXX±.005 | CONTR NO.<br>38POD77           |                                                 | 100 Davids Drive, Hauppauge, New York 11788                           |
|                                                                                                                                                                                         | PREP BY <i>J. Campisi</i>      | DATE 09/10/10                                   |                                                                       |
|                                                                                                                                                                                         | DRAFT DESIGN <i>J. Campisi</i> | 09/10/10                                        | OUTLINE DRAWING<br>CASELESS 90 DEG. HYBRID COUPLER<br>M-22-42-91KW402 |
|                                                                                                                                                                                         | PROJ ENGR <i>W. Davidsson</i>  | 09/13/10                                        |                                                                       |
|                                                                                                                                                                                         | MFG ENGR                       |                                                 |                                                                       |
| Q.A.                                                                                                                                                                                    |                                | SIZE A<br>CODE IDENT. NO. 33592<br>SCALE REV. A | 197113<br>SHEET 1 OF 1                                                |