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INTERPRET DRAWING IN ACCORDANCE WITH ANSI Y14.5M-1982

| ZONE | | LTR | DESCRIPTION | DATE | APPROVED |
|------|--|-----|---|---------|----------|
| A | | | UPDATE TO NEW MODEL ECN # 13329 | 11-7-96 | RJF |
| B | | | CHNG'D STENCIL TO LABEL PER ECN # 14336 | 3-27-98 | RJF |
| C | | | REDRAWN AND REVISED PER ECN # 15976 | 2-8-02 | FWC |

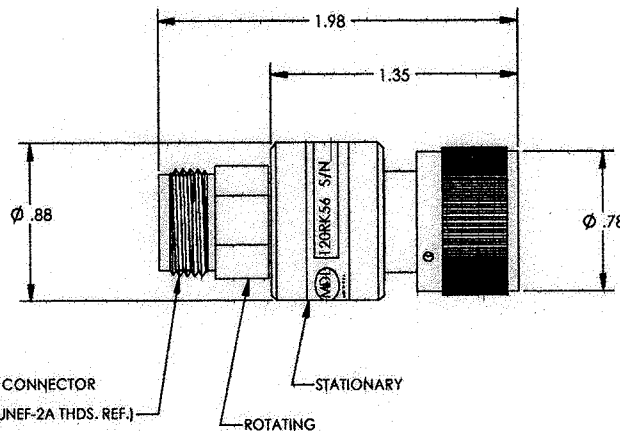
GENERAL SPECIFICATIONS:

1.0 ELECTRICAL SPECIFICATIONS

| | | |
|--------------------|---------------------------|--------------------------|
| 1.1 FREQUENCY | DC-12.4 GHz | 1.15 MAX |
| 1.2 VSWR | DC-6 GHz 6-12.4 GHz | 1.25 MAX |
| 1.3 INSERTION LOSS | DC-10 GHz 10-12.4 GHz | 0.2 dB MAX 0.3 dB MAX |
| 1.4 PEAK POWER | EQUAL TO CONNECTOR RATING | |
| 1.5 WOW | 1.01 MAX | |

2.0 MECHANICAL SPECIFICATIONS

| | | |
|----------------------|--------------------------|--|
| 2.1 MATERIAL | STAINLESS STEEL | |
| 2.2 PRESSURE | NONE | |
| 2.3 STARTING TORQUE | .5 OZ-IN. MAX | |
| 2.4 ROTATIONAL SPEED | 100 RPM | |
| 2.5 WEIGHT | APPROX. 3 OZ. | |
| 3.0 FINISH | PASSIVATE PER ASTM A-380 | |
| 4.0 IDENTIFICATION | | |
| 4.1 MDL MODEL | 120RK56 | |



| | | | | |
|------------------|-------------|---------|-----------|------------|
| CAD FILE: 203936 | | | | |
| GROUP OR PART | NEXT ASSY | USED ON | NEXT ASSY | FINAL ASSY |
| | DL-3936 | 1151 | | |
| | APPLICATION | | QTY REQ'D | |

| REQ'D | REQ'D | REQ'D | REQ'D | ITEM OR SYM. | DWG SIZE | PART NUMBER | DESCRIPTION | MATERIAL | MATL SPEC. |
|--|-------|-----------------------|-------|-----------------|----------|---|-------------|--------------|------------|
| <p>CAUTION: UNLESS THE DRAWING BEARS THE SIGNATURE OF TWO AUTHORIZED ENGINEERING REPRESENTATIVES IN THE "APPROVED" BLOCK, IT IS PRELIMINARY AND UNDER NO CIRCUMSTANCES IS TO BE USED FOR MANUFACTURING PURPOSES.</p> <p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX ± .02 XXXX ± .0005 XXX ± .005 ANGULAR = ±30' FINISH ϕ /</p> <p>COMMERCIAL PUBLISHED TOLERANCES SHALL APPLY TO TUBING, BAR, PLATE, ETC. ALL THREADS TO BE CLASS 2A (EXTERNAL) OR 2B (INTERNAL). PLATED PARTS MUST FIT GAUGES AND MEET SPECIFIED TOLERANCES AFTER PLATING.</p> | | | | | | | | | |
| | | | | | | <p>LIST OF MATERIAL</p> <p>MDL INC. MICROWAVE DEVELOPMENT LABORATORIES NEEDHAM, MASSACHUSETTS</p> <p>OUTLINE INLINE COAXIAL ROTARY JOINT TYPE "N" MODEL 120RK56</p> | | | |
| | | DRAWN BY | | DATE | | | | | |
| | | J. TERRY | | 11-8-85 | | | | | |
| | | CHECKED BY | | DATE | | | | | |
| | | J. GIACOMUZZI | | 11-22-85 | | | | | |
| | | THEORY/DESIGN | | DATE | | | | | |
| | | L.J. TIBERI | | 12-3-85 | | | | | |
| | | CONSTRUCTION | | DATE | | | | | |
| | | R.J. FOGGIO | | 12-3-85 | | | | | |
| | | CONSTRUCTION APPROVAL | | DATE | | | | | |
| | | | | | | | | | |
| | | DWG SIZE | | CODE IDENT. NO. | | REV. | | | |
| | | C | | 01456 | | 20-3936 | | C | |
| | | | | SCALE 2 : 1 | | WEIGHT | | SHEET 1 OF 1 | |
| | | | | | | DO NOT SCALE DRAWING | | | |