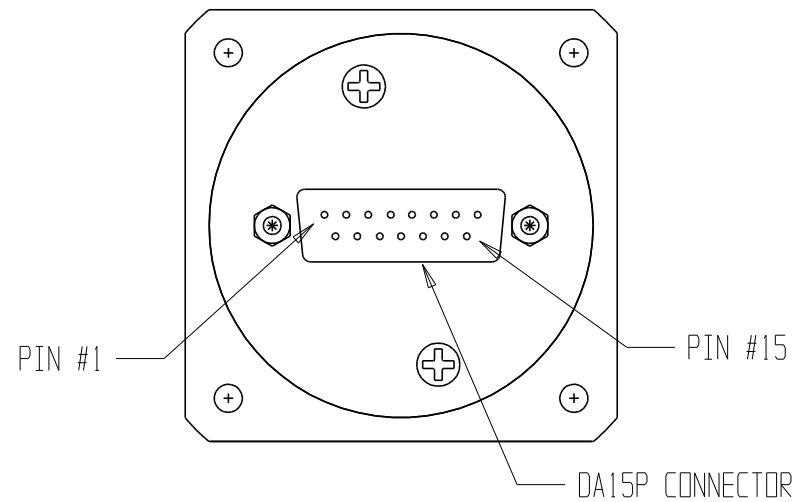


NOTES:

1. INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994
2. RECOMMENDED MATING CONNECTOR TORQUE IS 8 lb-in (90 N-cm)
DO NOT EXCEED 12 lb-in (136 N-cm) AS DAMAGE TO CONNECTOR MAY RESULT.
3. VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL-DTL-3928.
4. THIS RELAY IS RoHS COMPLIANT.



CHARACTERISTICS:

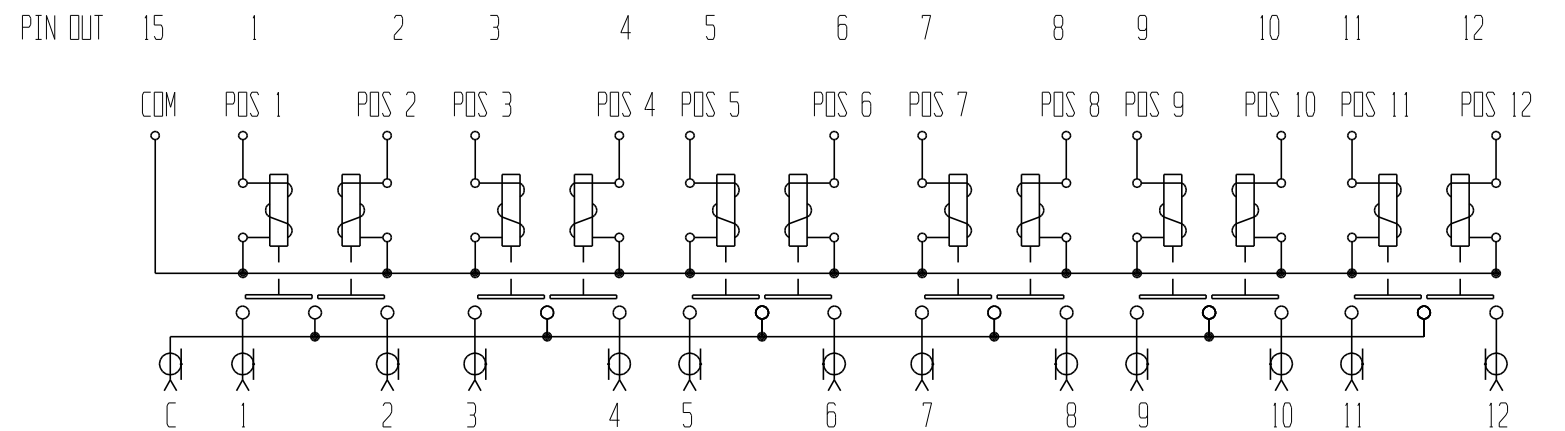
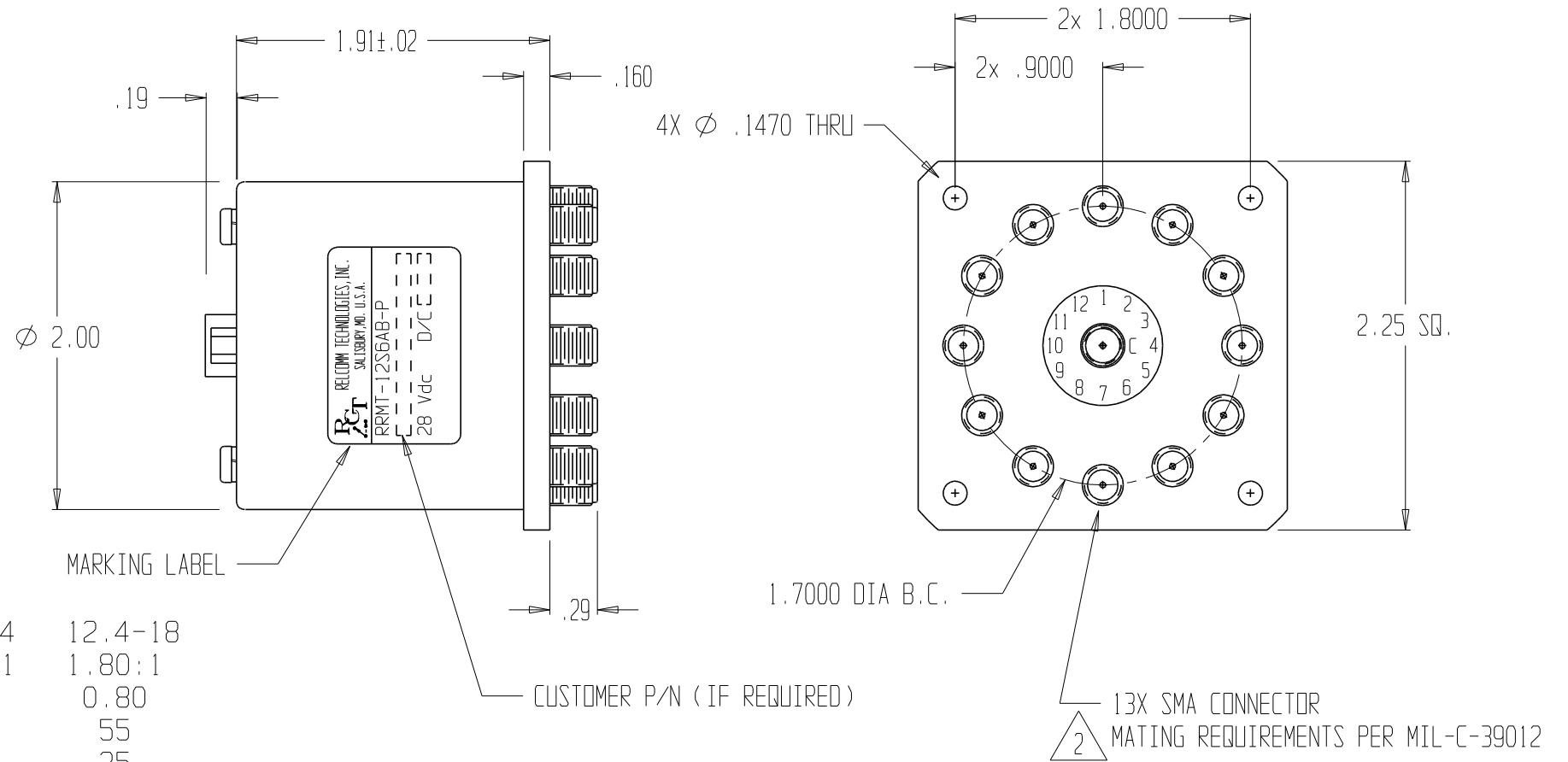
| | | | | | |
|-------------------------------|--------|--------|--------|--------|---------|
| NOMINAL IMPEDANCE (OHM) ----- | 50 | | | | |
| FREQUENCY RANGE (GHz) ----- | DC-2 | 2-4 | 4-8 | 8-12.4 | 12.4-18 |
| V.S.W.R. (MAX) ----- | 1.15:1 | 1.30:1 | 1.40:1 | 1.50:1 | 1.80:1 |
| INSERTION LOSS (dB MAX) ----- | 0.15 | 0.25 | 0.40 | 0.60 | 0.80 |
| ISOLATION (dB MIN) ----- | 70 | 70 | 65 | 60 | 55 |
| AVERAGE POWER(WATTS TYP)----- | 120 | 85 | 55 | 40 | 25 |

| | |
|-----------------------------------|----------------------|
| TEMPERATURE RANGE (OPERATING) --- | -30° C - +70° C |
| TEMPERATURE RANGE (STORAGE) ----- | -55° C - +100° C |
| SWITCHING ACTION ----- | FAILSAFE TO OPEN |
| OPERATING VOLTAGE (OVER TEMP) --- | 25 - 32 Vdc |
| PICKUP VOLTAGE (MIN @20° C) ----- | 21 Vdc |
| DROPOUT VOLTAGE ----- | >2.0 Vdc |
| ACTUATING CURRENT (mA MAX) ----- | 150 @ 28 Vdc & 20° C |
| SWITCHING TIME (MAX) ----- | 15mSEC |
| LIFE (MIN PER POSITION)----- | 1 * 10^6 CYCLES |
| WEIGHT (OZ) ----- | 10 NOM |

MATERIALS/FINISH:

| | |
|-----------------|------------------------------|
| HOUSING ----- | RoHS ALUMINUM/NICKEL |
| COVER ----- | RoHS ALUMINUM/BLACK ANODIZED |
| CONNECTORS --- | STAIN STEEL/PASSIVATE |
| INSULATION --- | TEFLON |
| CONTACTS ----- | BERYLLIUM COPPER/GOLD |
| TERMINALS ----- | Ni-Fe/RoHS SOLDER |

| DA15P PIN | TERMINAL FUNCTION |
|-----------|-------------------|
| 1 | C-1 |
| 2 | C-2 |
| 3 | C-3 |
| 4 | C-4 |
| 5 | C-5 |
| 6 | C-6 |
| 7 | C-7 |
| 8 | C-8 |
| 9 | C-9 |
| 10 | C-10 |
| 11 | C-11 |
| 12 | C-12 |
| 13-14 | SPARE |
| 15 | COMMON |



SCHEMATIC SHOWN WITH ALL PORTS OPEN

| | | | |
|-----|-------------|----------|----------|
| B | Vdc PER A8 | 10/17/17 | B.JONES |
| A | PRELIMINARY | 3/26/14 | A.MAGDA |
| REV | ECN NO. | DATE | APPROVAL |

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
AND INCLUDE PLATING.
TOLERANCES
.XX ±.02 FRACTIONS ±
.XXX ±.010 SURFACE QUALITY
.XXXX ±.0050 63/ MAX
THIRD ANGLE PROJECTION

DR A.MAGDA 3/26/14
CK B.JONES
ENG M.MAGDA
MFG
QA
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| | | |
|---|-----------------------|--|
| | | RELCOMM TECHNOLOGIES, INC. 610 BEAM STREET SALISBURY, MARYLAND 21801 |
| TITLE 1P12T COAXIAL RELAY 28 VDC FAILSAFE OPEN | | |
| SIZE B SCALE 1:1 | DWG NO. RRMT-12S6AB-P | REV B DO NOT SCALE DWG SHEET 1 OF 1 |