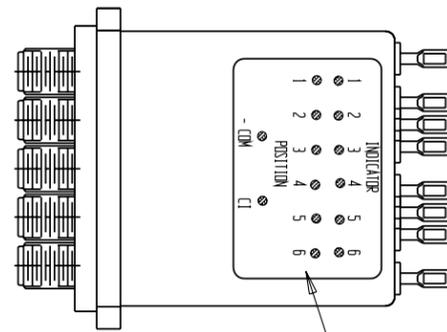
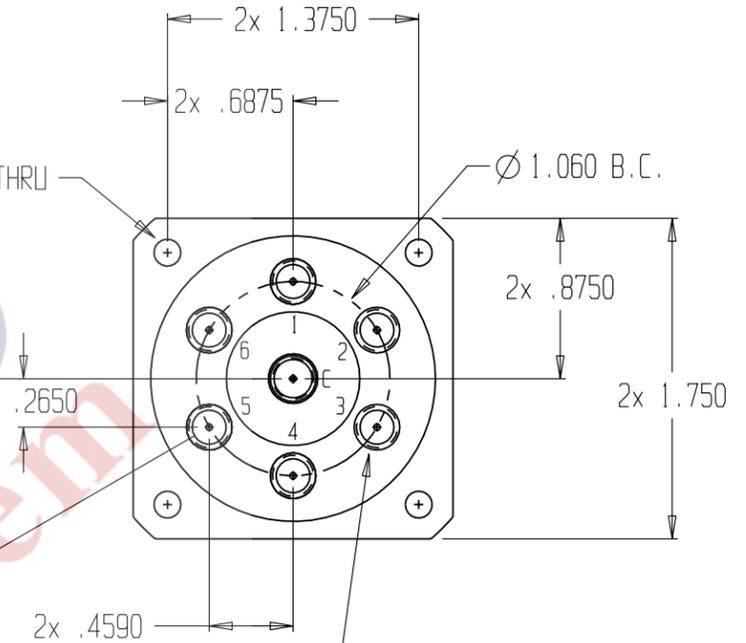
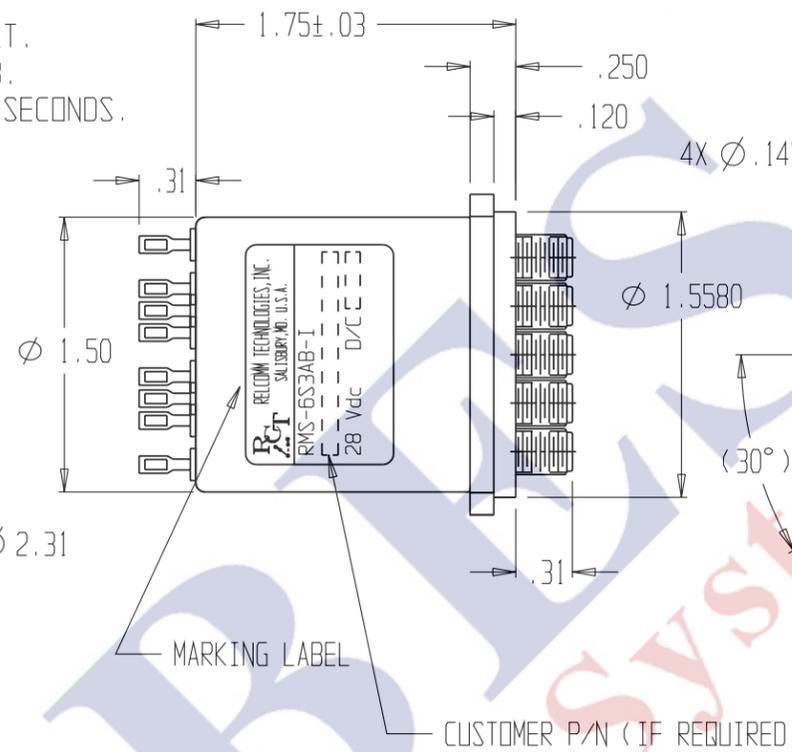
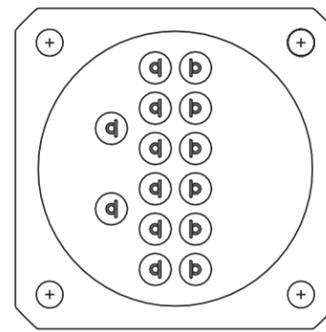


NOTES:

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 -S- 3928.
4. RECOMMENDED PULSE WIDTH DURATION FOR SWITCHING RELAY, 50-500 MILLISECONDS.



TERMINAL IDENTIFICATION LABEL



7X SMA CONNECTOR MATING REQUIREMENTS PER MIL-C-39012

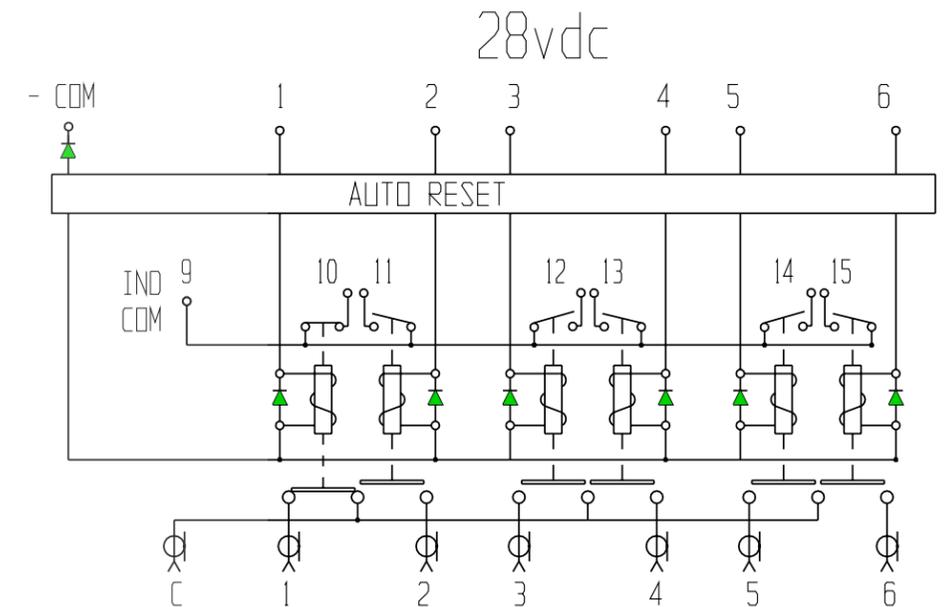
CHARACTERISTICS:

NOMINAL IMPEDANCE (OHM)	50			
FREQUENCY RANGE (GHz)	DC-4	4-8	8-12.4	12.4-18
V.S.W.R. (MAX)	1.2:1	1.3:1	1.4:1	1.5:1
INSERTION LOSS (dB MAX)	0.2	0.3	0.4	0.5
ISOLATION (dB MIN)	80	70	60	60
AVERAGE POWER (WATTS TYP)	85	55	45	35

TEMPERATURE RANGE (OPERATING)	-40°C - +85°C
TEMPERATURE RANGE (STORAGE)	-55°C - +100°C
SWITCHING ACTION	MAKE BEFORE BREAK
OPERATING VOLTAGE (OVER TEMP)	22 - 30 Vdc
SWITCHING VOLTAGE (MIN @20°C)	20Vdc
ACTUATING CURRENT (MA MAX)	130 @ 28 Vdc & 20°C
SWITCHING TIME (MAX)	15mSEC
LIFE (MIN PER POSITION)	1 * 10^6 CYCLES
INDICATOR CONTACT RATING	5 WATTS TYP., 175 V MAX., .25 A MAX.
WEIGHT (OZ)	7.0 NDM

MATERIALS/FINISH:

HOUSING	ALUMINUM/NICKEL
COVER	ALUMINUM/BLACK ANODIZED
CONNECTORS	STAINLESS STEEL/PASSIVATE
INSULATION	TEFLON
CONTACTS	BERYLLIUM COPPER/GOLD



SCHEMATIC SHOWN IN POSITION ONE (C-1)

REV	ECN NO.	DATE	APPROVAL
-	PROD. RELEASE	10/26/06	A. MAGDA
C	CORRECT CURR.	06/15/06	A. MAGDA
B	CAN TERMINALS	11/23/04	B. JONES
A	PRELIMINARY	08/11/04	M. MAGDA

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 AND INCLUDE PLATING.

.XX ±.02 FRACTIONS ±
 .XXX ±.010 SURFACE QUALITY
 .XXXX ±.0050 32/ MAX

THIRD ANGLE PROJECTION

DR. M. MAGDA 08/11/04
 CK. B. JONES
 ENG. M. MAGDA
 MFG
 QA

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 EXCELLENCE BY DESIGN		RELCOMM TECHNOLOGIES, INC. 610 BEAM STREET SALISBURY, MARYLAND 21801	
TITLE: 1P6T COAXIAL RELAY 28 VDC PULSE LATCHING			
SIZE B	DWG NO.	RMS-6S3AB-I	
SCALE 1:1	DO NOT SCALE DWG	SHEET 1 OF 1	