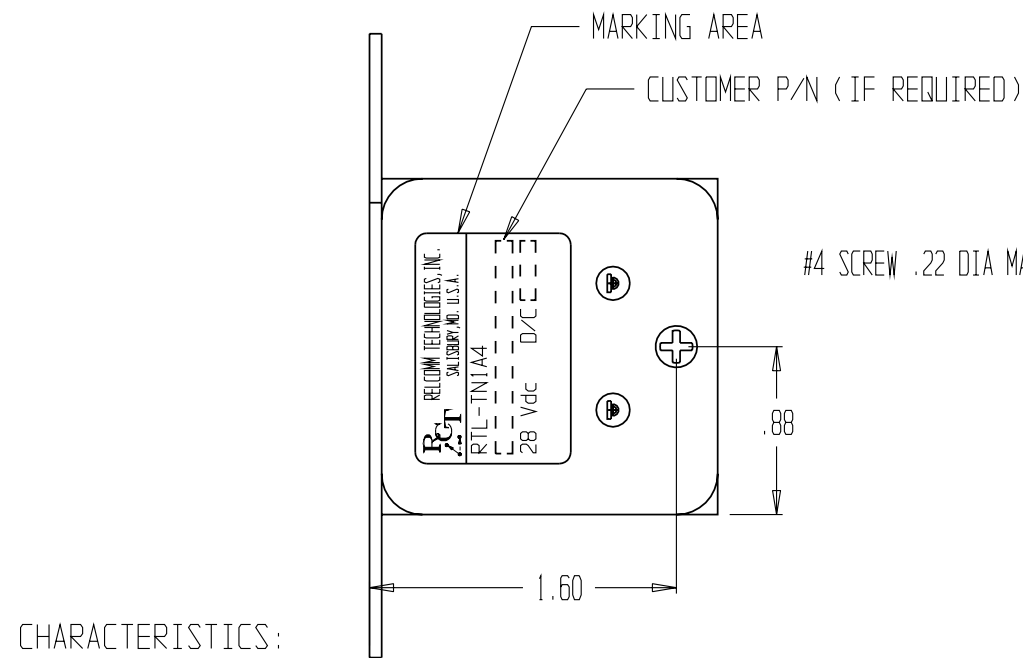


NOTES:
1.INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994
2.VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL-S-3928.



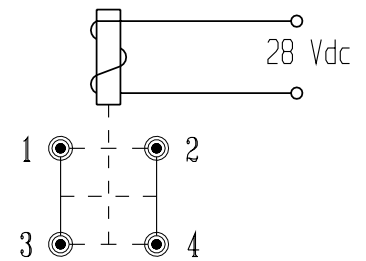
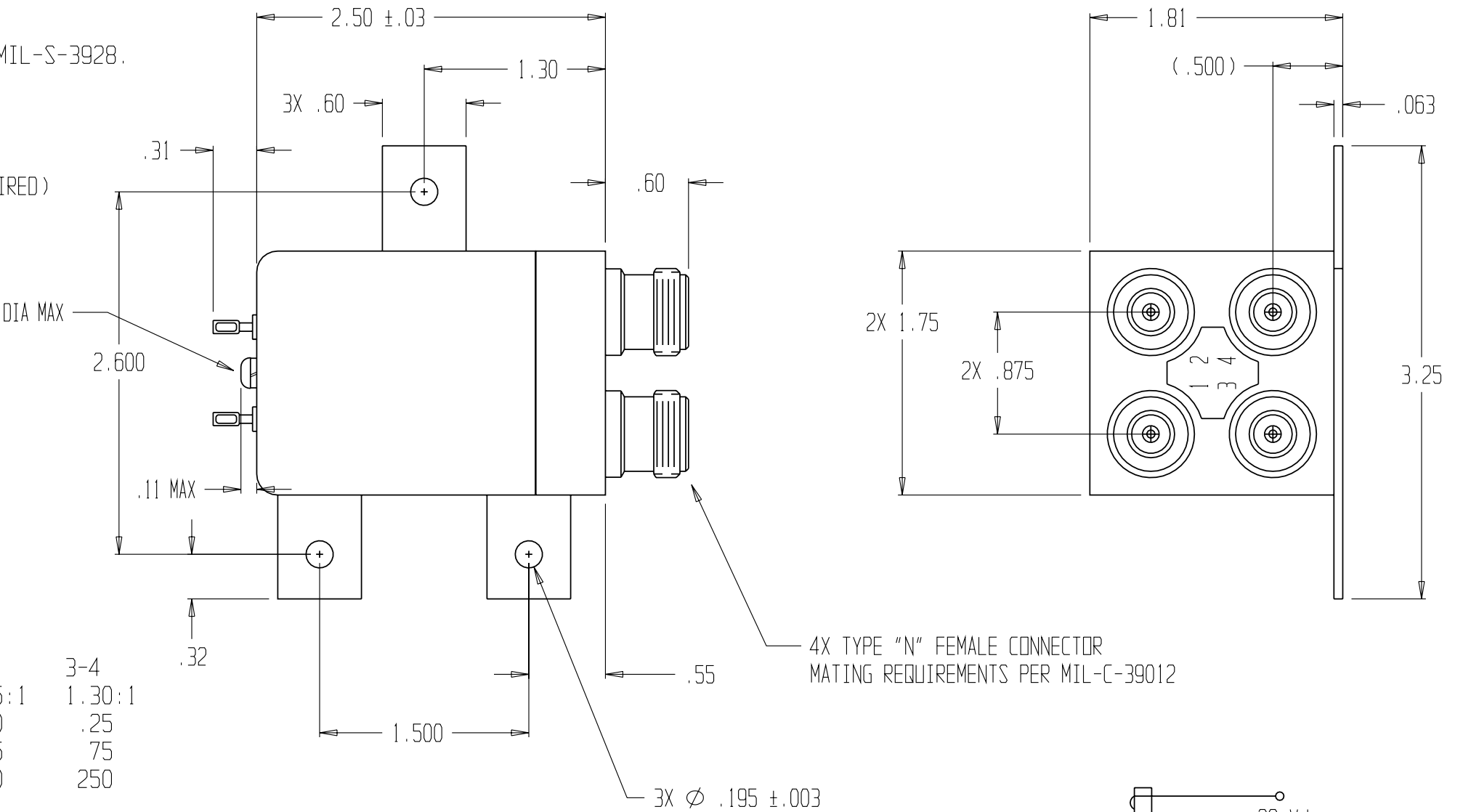
CHARACTERISTICS:

NOMINAL IMPEDANCE (OHM) -----	50			
FREQUENCY RANGE (GHz) -----	DC-1	1-2	2-3	3-4
V.S.W.R. (MAX) -----	1.10:1	1.15:1	1.25:1	1.30:1
INSERTION LOSS (dB MAX) -----	.10	.15	.20	.25
ISOLATION (dB MIN) -----	85	80	75	75
AVERAGE POWER (WATTS TYP) -----	500	375	300	250

TEMPERATURE RANGE (OPERATING) --	-40° C - +85° C
TEMPERATURE RANGE (STORAGE) ----	-55° C - +100° C
SWITCHING ACTION -----	BREAK BEFORE MAKE
OPERATING VOLTAGE (OVER TEMP) --	20 - 32 Vdc
PICKUP VOLTAGE (MAX @ 25° C) ---	18 Vdc
DROPOUT VOLTAGE -----	> 2 Vdc
OPERATING CURRENT (mA MAX) -----	164 @ 28 Vdc & 25° C
SWITCHING TIME (MAX) -----	20 mSEC @ 28 VDC & 25° C
LIFE (MIN PER POSITION)-----	1 * 10 ⁶ CYCLES
WEIGHT (OZ) -----	8.5 NOM

MATERIALS/FINISH:

HOUSING -----	ALUMINUM/NICKEL
COVER -----	ALUMINUM/BLACK ANODIZED
MTG PLATE ----	ALUMINUM/NICKEL
CONNECTORS ---	BRASS/NICKEL
INSULATION ---	TEFLON
CONTACTS -----	BERYLLIUM COPPER/GOLD
TERMINALS -----	Ni-Fe/Sn-70 SOLDER



SCHEMATIC SHOWN IN DE-ENERGIZED POSITION

1-2 3-4 (OPEN)
1-3 2-4 (CLOSED)

				UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND INCLUDE PLATING. TOLERANCES .XX ±.02 FRACTIONS ± .XXX ±.010 SURFACE QUALITY .XXXX ±.0050 63/ MAX	DR J.BACK 10/23/00 CK B.JONES 10/31/00 ENG M.MAGDA 11/3/00 MFG QA	 RELCOMM TECHNOLOGIES, INC. 610 BEAM STREET SALISBURY, MARYLAND 21801
3	ECN 1880	8/17/11	B.JONES	THIRD ANGLE PROJECTION 	THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF RELCOMM TECHNOLOGIES AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS) WITHOUT WRITTEN PERMISSION.	
2	1105	10/28/03	B.JONES			TITLE COAXIAL TRANSFER RELAY "FAILSAFE"
1	1083	7/30/03	M.MAGDA			SIZE B DWG NO. RTL-TN1A4 REV 3
REV	ECN NO.	DATE	APPROVAL			SCALE 1 : 1 DO NOT SCALE DWG SHEET 1 OF 1