

ITEM NAME	RESISTOR, VARIABLE, W
SECTION QUANTITY	1
BODY STYLE	B CYLINDRICAL BUSHING MOUNTED
RELIABILITY INDICATOR	NOT ESTABLISHED
BODY DIAMETER	1.844 INCHES MAXIMUM
SHAFT DIAMETER	0.250 INCHES NOMINAL
SHAFT LENGTH	0.875 INCHES NOMINAL
MOUNTING BUSHING LENGTH	0.250 INCHES NOMINAL
BODY LENGTH	2.094 INCHES MAXIMUM
SHAFT STYLE	C ROUND, SLOTTED
ACTUATOR TYPE	SINGLE SHAFT
EFFECTIVE ELECTRICAL ROTATION IN DEG ANGULAR ROTATION	3600.0 NOMINAL
MAXIMUM STARTING TORQUE	2.00 INCH-OUNCES (OUNCE-INCHES)
MAXIMUM RUNNING TORQUE	1.00 INCH-OUNCES (OUNCE-INCHES)
MAXIMUM STOP TORQUE	160.00 INCH-OUNCES (OUNCE-INCHES)
NONTURN DEVICE LOCATION	AT 12 O'CLOCK
NONTURN DEVICE RADIUS	0.562 INCHES NOMINAL
SHAFT END PLAY	0.005 INCHES
SHAFT RUNOUT	0.002 INCHES
LATERAL RUNOUT	0.002 INCHES
PILOT DIAMETER RUNOUT	0.001 INCHES
SHAFT RADIAL PLAY	0.002 INCHES
MECHANICAL BACKLASH IN DEG ANGULAR ROTATION	0.5
FRAGILITY FACTOR	MODERATELY RUGGED
SCREW THREAD DIAMETER	0.375 INCHES NOMINAL
SCREW THREAD SERIES DESIGNATOR	UNEF
SCREW THREAD QUANTITY PER INCH	32.0
TERMINAL LOCATION	RADIALLY POSITIONED OVER LESS THAN HALF THE CIRCUMFERENCE
MOUNTING METHOD	STANDARD BUSHING
ELECTRICAL RESISTANCE PER SECTION	10.0 KILOHMS SINGLE SECTION
ROTARY ACTUATOR TRAVEL IN ANGULAR DEG	3600.0 NOMINAL
FUNCTION CONFORMITY TOLERANCE PER SECTION	-0.05/+0.05 SINGLE SECTION
AMBIENT TEMP IN DEG CELSIUS PER SECTION AT ZERO PERCENT RATED POWER	125.0 SINGLE SECTION
TEMP COEFFICIENT OF RESISTANCE PER SECTION IN PPM PER DEG CELSIUS	-260.0/+260.0 SINGLE SECTION
POWER DISSIPATION RATING PER SECTIO N IN WATTS	5.0 FREE AIR SINGLE SECTION
FUNCTION CONFORMITY PER SECTION	SINGLE SECTION INDEPENDENT LINEARITY
RESISTANCE TOLERANCE PER SECTION IN PERCENT	-1.0/+1.0 SINGLE SECTION
ACTUATOR TRAVEL CONTROL FEATURE	STOPS

page 1 FUNCTION CHARACTERISTIC PER SECTION SINGLE SECTION LINEAR

AMBIENT TEMP IN DEG CELSIUS PER SECTION AT FULL RATED POWER	70.0 SINGLE SECTION
TEST DATA DOCUMENT	81349--IL-R-12934 SPECIFICATION
TERMINAL TYPE AND QUANTITY	3 TAB, SOLDER LUG
SPECIFICATION/STANDARD DATA	81349--IL-R-12934/32 GOVERNMENT SPECIFI CATION