

RIGHT  
(R)

LEFT  
(L)

.200±.005  
[5.08±0.13]

.234  
MAX

DATE CODE  
YY IS LAST 2 DIGITS  
OF YEAR  
WW IS WEEK NUMBER

## GENERAL SPECIFICATIONS AND NOTES:

SERIES: 392

CONDUCTIVE PLASTIC ELEMENT

SUPPLIED WITH MOUNTING NUT AND LOCKING WASHER, PACKAGED  
ASSEMBLED OR UNASSEMBLED BASED ON LISTING (REFER TO TABLE ON SHEET2).

① MARKING INFORMATION SHOWN ON SIDE OF HOUSING.

REFER TO TABLE FOR SPECIFIC LISTING MARKING INFORMATION.

WEIGHT OF SINGLE CONTROL: .25 OUNCE [6.8 GRAMS] APPROX.

VALUES ARE SHOWN IN STANDARD AND METRIC UNITS. METRIC UNITS ARE IN [ ]  
IF CONVERSION DIFFERENCE EXISTS, THE STANDARD UNIT PREVAILS.

CONTROLS HAVE AN INTERNAL O-RING SHAFT SEAL.

UNITS ARE SEALED FOR WAVE SOLDER AND WASH PROCESSING.

BUILT IN ACCORDANCE WITH MIL-R-94.

② DIMENSIONS FOR BODY DIAMETER AND LOCATING PINS DEVIATE FROM MIL-R-94 S

## ELECTRICAL SPECIFICATIONS:

③ TAPER: LINEAR

TAPER TOLERANCE ±20% OF NOMINAL RESISTANCE AT 50%±3% MECHANICAL ROTATION  
LINEARITY (INDEPENDENT): ±5%

MAX WORKING VOLTAGE: 350 VDC APPLIED ACROSS L & R TERMINALS. POWER NOT

DIELECTRIC STRENGTH: 750 VAC FOR 60s @ ATM [1 MPa]

350 VAC FOR 60s @ 3.4 IN Hg [11.5 KPa]

POWER RATING: 0.5W @ 158°F [70°C], DE-RATED LINEARLY TO 0 @ 248°F [120°C]

CRV FOR RESISTANCE GREATER THAN 500Ω AND LESS THAN 50KΩ IS 1.5% OF TOTAL  
RESISTANCE. CRV FOR ALL OTHER RESISTANCE VALUES IS 3.1% OF TOTAL RESIS

END RESISTANCE: 4Ω MAX AT EACH END OF ROTATION

RESISTANCE AND TOLERANCE: (REFER TO TABLE)

ELECTRICAL ROTATION: 295°± 5°

EFFECTIVE ELECTRICAL ROTATION: 265° TYPICAL

## OPERATIONAL SPECIFICATIONS:

ROTATIONAL LIFE: 50,000 CYCLES

STORAGE TEMPERATURE: -67°F [-55°C] TO 248°F [120°C]

OPERATING TEMPERATURE: -40°F [-40°C] TO 248°F [120°C]

ROTATIONAL TORQUE: 0.5 TO 2.0 OZ-IN [3.5 TO 14 mN·m]

STOP TORQUE: 3 LB-IN [0.34 N·m] MIN

MECHANICAL ROTATION: 295° ± 5°



C



B

A

392C3100	100Ω	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	AS
392C31K	1KΩ	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	AS
392C310K	10KΩ	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	AS
392C3100K	100KΩ	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	AS
392C31MEG	1MEGΩ	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	AS
392C3250	250Ω	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	AS
392C32500	2.5KΩ	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	AS
392C325K	25KΩ	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	AS
392C3250K	250KΩ	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	AS
392C3500	500Ω	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	AS
392C35K	5KΩ	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	AS
392550M9627	5KΩ	±20%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	UNAS
392C350K	50KΩ	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	AS
392C3500K	500KΩ	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	AS
392C410K	10KΩ	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.375}{[9.53]}$	$\frac{.250}{[6.35]}$	AS
392C4100K	100KΩ	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.375}{[9.53]}$	$\frac{.250}{[6.35]}$	AS
392C4500K	500KΩ	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.375}{[9.53]}$	$\frac{.250}{[6.35]}$	AS
392C5100	100Ω	±10%	$\frac{.031}{[0.79]}$	$\frac{.031}{[0.79]}$	$\frac{.875}{[22.23]}$	$\frac{.250}{[6.35]}$	AS