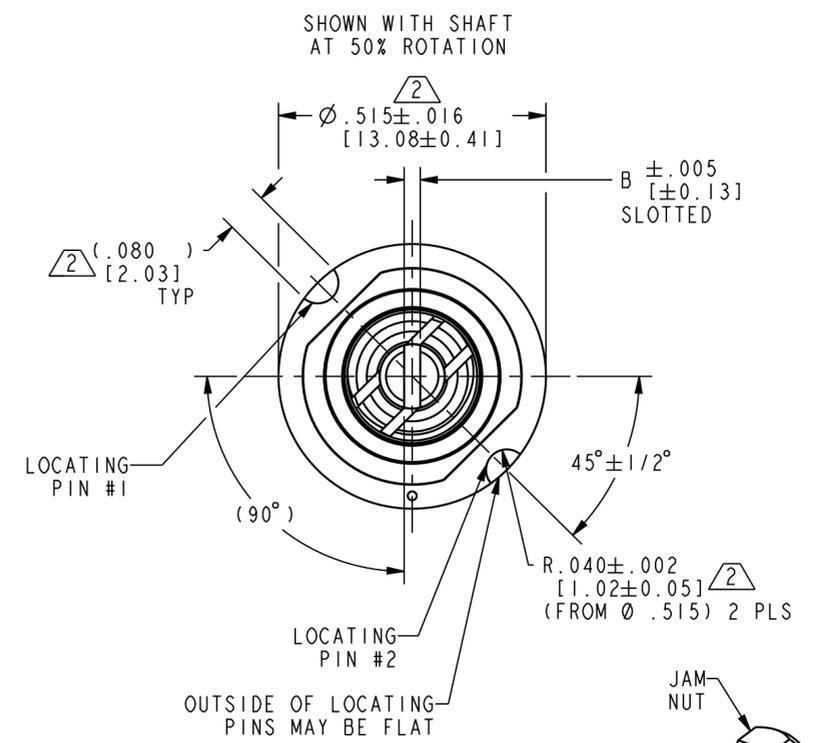
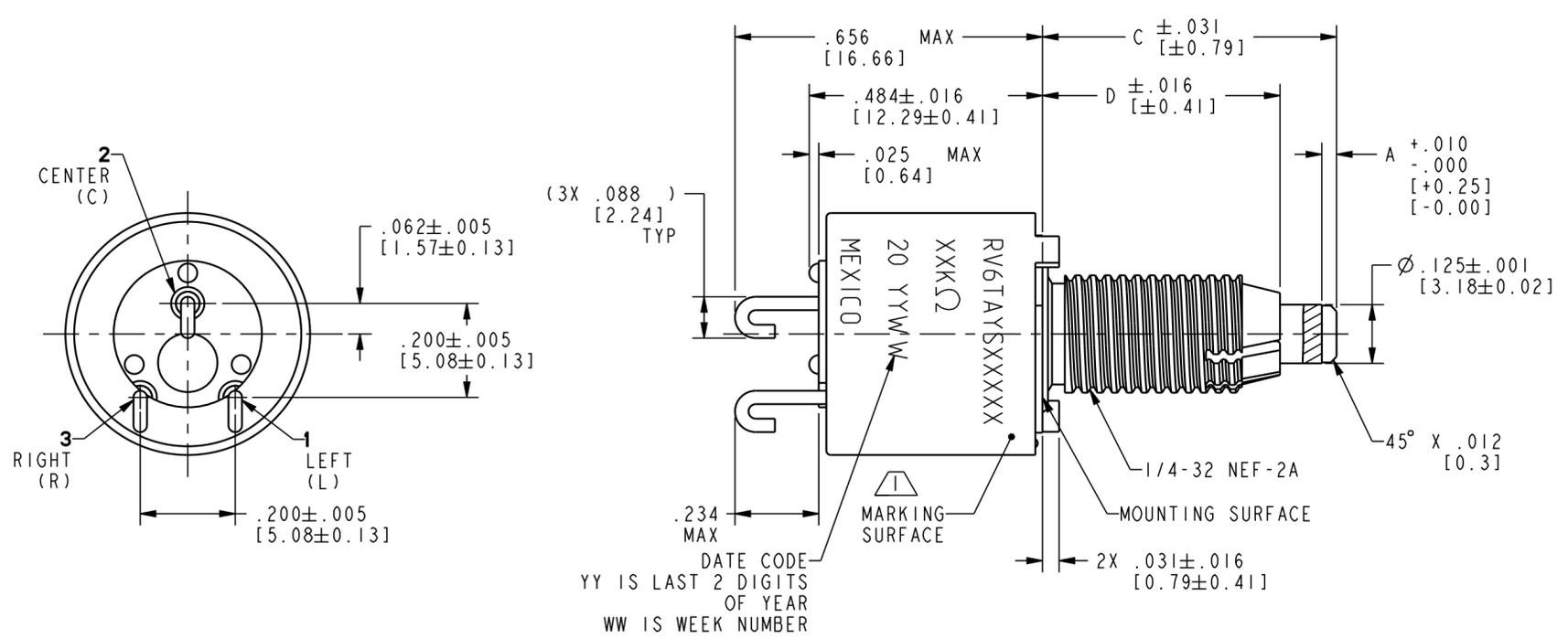


PART NUMBER
SEE SHEET-2 TABLE

REVISION HISTORY					
REV	DOCUMENT	DESCRIPTION	CHGD BY	DATE	APPROVED
A	0112190	RELEASED	BM	2014-08-05	M. MIKE



GENERAL SPECIFICATIONS AND NOTES:

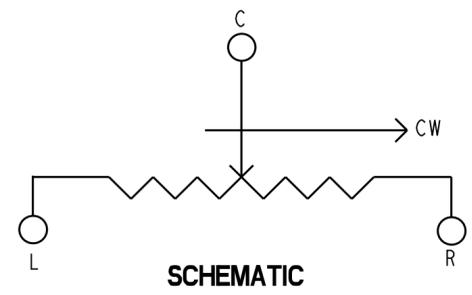
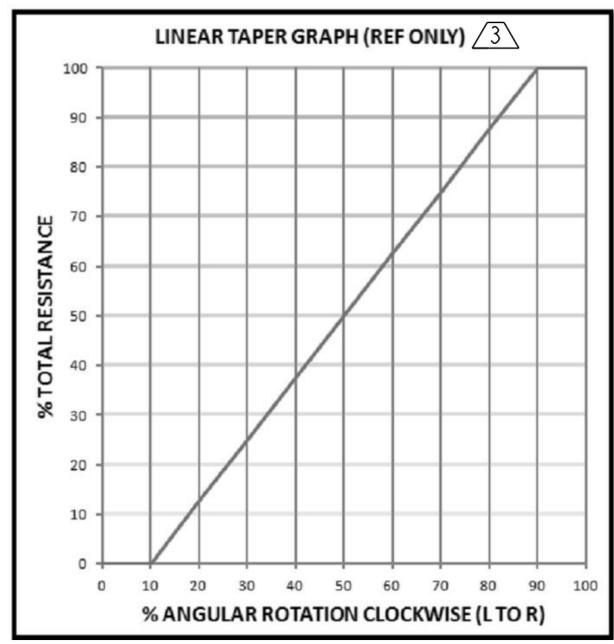
- SERIES: 392
- CONDUCTIVE PLASTIC ELEMENT SUPPLIED WITH MOUNTING NUT, LOCKING WASHER, JAM NUT, AND O-RING. NUTS AND WASHER PACKAGED ASSEMBLED OR UNASSEMBLED BASED ON LISTING (REFER TO TABLE ON SHEET2), O-RING IS ASSEMBLED.
- MARKING INFORMATION SHOWN ON SIDE OF HOUSING. REFER TO TABLE FOR SPECIFIC LISTING 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.
- DIMENSIONS FOR BODY DIAMETER AND LOCATING PINS DEVIATE FROM MIL-R-94 SPECIFICATIONS.

ELECTRICAL SPECIFICATIONS:

- TAPER: LINEAR
- LINEARITY (INDEPENDENT): ±5%
- TAPER TOLERANCE ±20% OF NOMINAL RESISTANCE AT 50%±3% MECHANICAL ROTATION.
- MAX WORKING VOLTAGE: 350 VDC APPLIED ACROSS L & R TERMINALS. POWER NOT TO EXCEED RATING.
- 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 1.5% OF TOTAL RESISTANCE
- 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: 500 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]
- WITH JAM NUT TIGHTENED TO 8 LB-IN [0.9 Nm] SHAFT WILL NOT ROTATE UNTIL 20 LB-IN [2.3 Nm] IS APPLIED.
- STOP TORQUE: 3 LB-IN [0.34 N·m]
- MECHANICAL ROTATION: 295°±5°



MULTI-SHEET DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMAL TOL: NO PLACE --- ±.400 [10.16] 1 PLACE --- ±.030 [0.76] 2 PLACE --- ±.010 [0.25] 3 PLACE --- ±.005 [0.13] ANGULAR TOL --- ±2° CHAMFER - ±5°		THIRD ANGLE PROJECTION
MATERIAL SEE TABLE		
FINISH		
APPLICABLE DOCUMENTS: ASME Y14.100-2004 ASME Y14.5-2009		
COMPUTER GENERATED DRAWING: PRO/ENGINEER		

MATERIALS	
SHAFT	NICKEL PLATED BRASS
BUSHING	NICKEL PLATED BRASS
HOUSING	THERMOPLASTIC
BASE	THERMOSET
TERMINALS	BRASS, SOLDER (TIN-LEAD) DIP FINISH
SEALANT	EPOXY
LOCK WASHER	NICKEL PLATED PHOS BRONZE
MOUNTING NUT	NICKEL PLATED BRASS
JAM NUT	NICKEL PLATED BRASS
PANEL O-RING	BUNA N

Honeywell

TITLE: S-TAPER, SLOTTED SHAFT, LCKG-PANEL SEAL BUSHING, SOLDER HOOK TERMS

SIZE C	CAGE CODE -	DWG NO 392-MATRIX-IDWG-11	TYPE I	REV A
SCALE 4:1	REF WT: SEE NOTE	SHEET 1 of 2		

RELEASE DATE: 2014-08-05
DRW: B. MOHAPATRA
RDE: M. MIKE
QA: -
CHK: S. RAGHU

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PART NUMBER
SEE SHEET-2 TABLE

LISTING	CHARACTERISTICS							MARKING 			
	ELECTRICAL		MECHANICAL					LINE-1	LINE-2	LINE-3	LINE-4
	RES (Ω)	RES TOL	A SLOT DEPTH IN [mm]	B SLOT WIDTH IN [mm]	C SHAFT LENGTH IN [mm]	D BUSHNG LENGTH IN [mm]	MTG HARDWARE				
392551M9364	10KΩ	±10%	.031 [0.79]	.031 [0.79]	.625 [15.88]	.500 [12.70]	UNASSEMBLED	RV6TAYSA103A	10KΩ	20 YYWW	MEXICO
392551M9344	50KΩ	±10%	.031 [0.79]	.031 [0.79]	.625 [15.88]	.500 [12.70]	UNASSEMBLED	RV6TAYSA503A	50KΩ	20 YYWW	MEXICO
392551M9278	10KΩ	±10%	.031 [0.79]	.031 [0.79]	.875 [22.23]	.500 [12.70]	UNASSEMBLED	RV6TAYSD103A	10KΩ	20 YYWW	MEXICO
392551M9421	5KΩ	±20%	0.031 [0.79]	.031 [0.79]	.875 [22.23]	.500 [12.70]	UNASSEMBLED	RV6TAYSD502B	5KΩ	20 YYWW	MEXICO

Honeywell				
TITLE S-TAPER, SLOTTED SHAFT, LCKG-PANEL SEAL BUSHING, SOLDER HOOK TERMS				
SIZE C	CAGE CODE -	DWG NO 392-MATRIX-IDWG-11	TYPE I	REV A
SCALE NONE	REF WT: SEE NOTE	SHEET 2 of 2		