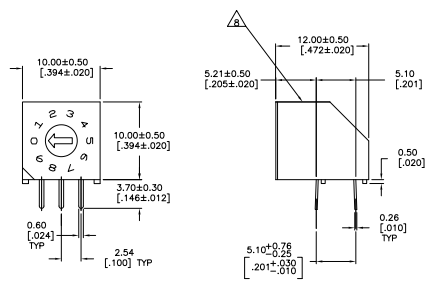
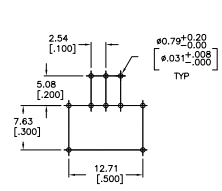


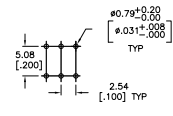
REV	DATE	DESCRIPTION	BY	CHK	APP
AD 00		REVISED FOR ECO-07-02048			



**DRD RIGHT ANGLE  
PC MOUNT**



**"S" STYLE**



**MINI SHAFT  
FLUSH  
WHEEL**

**PRINTED CIRCUIT BOARD LAYOUTS**

**HOW TO ORDER**

- SERIES: ROTARY DIPS
- ACTUATOR STYLE: D= FLUSH, M= MIN PLASTIC SHAFT, W= WHEEL, S= METAL SHAFT
- CIRCUIT TYPES: 10= BC DECIMAL, 10C= BCD COMPLEMENT, 16= HEXADECIMAL, 16C= HEXADECIMAL COMPLEMENT
- TERMINATIONS: BLANK= PC, RAE= RIGHT ANGLE - AUTO ASSEMBLY READY, RA= RIGHT ANGLE

**SPECIFICATIONS:**

**MATERIAL:**  
 FRAME & CASE - PPS UL94V-0, BLACK  
 ROTOR, PART UL94V-0, COLOR SEE P/N TABLE  
 FIXED CONTACT/TERMINAL - COPPER ALLOY, GOLD FLASH OVER NICKEL PLATE  
 MOVING CONTACT - COPPER ALLOY, GOLD FLASH OVER NICKEL PLATE  
 BALL SUPPORT PLATE - COPPER ALLOY  
 BALL - STAINLESS STEEL  
 DETENT SPRING - STAINLESS STEEL  
 BUSHING (DRS) - ZINC DIE CAST  
 SHAFT (DRS) - COPPER ALLOY - NICKEL PLATE

**ELECTRICAL:**  
 CONTACT RATING - 0.4VA@ 20V DC OR PEAK AC  
 INITIAL CONTACT RESISTANCE - 50 MILLIOHMS MAX  
 INSULATION RESISTANCE - 1,000 MEGOHMS@100V DC  
 DIELECTRIC STRENGTH - 300V AC  
 LIFE EXPECTANCY - 10,000 ROTATIONS

**MECHANICAL:**  
 OPERATING FORCE - 13.88 OZ.FIN. MAX

**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE - -30°C TO +85°C  
 STORAGE TEMPERATURE - -45°C TO +100°C  
 RESISTANCE TO SOLDER HEAT - PER 109-202, COND B (THRU-HOLE)  
 SOLDERABILITY - PER JIS C 0050 & JIS C 0053

**NOTES:**

1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
  2. COMMON TERMINALS ARE CONNECTED INTERNALLY, EXCEPT ON HYBRID VERSIONS.
  3. RED ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH. "S" STYLES HAVE NOT PRINTING ON TOP.
  4. BLACK ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH. "S" STYLES HAVE NO PRINTING ON TOP.
  5. ORANGE ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH "S" STYLES HAVE NO PRINTING ON TOP.
  6. WHITE ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH "S" STYLE HAVE NO PRINTING ON TOP.
- △ LOCATE "ALCO" TRADE NAME AND LOT NUMBER MARKING. LOT NUMBER TO BE MARKED AS FOLLOW:
- 4 F  
 1ST DIGIT 2ND DIGIT  
 YEAR 1194 MONTH 6
- MARK WITH PERMANENT WHITE INK.

BLACK	DRW16RAE04	1-1825008-6
WHITE	DRW16RAE04	1-1825008-5
RED	DRW10RAE04	1-1825008-4
ORANGE	DRW10CAE04	1-1825008-3
N/A	DRS16RA04	1-1825008-2
N/A	DRS16CA04	1-1825008-1
N/A	DRS10RA04	1-1825008-0
N/A	DRS10CA04	1825008-9
BLACK	DRM16RAE04	1825008-8
WHITE	DRM16CAE04	1825008-7
RED	DRM10CAE04	1825008-6
ORANGE	DRM10CAE04	1825008-5
BLACK	DRD16RAE04	1825008-4
WHITE	DRD16CAE04	1825008-3
RED	DRD10RAE04	1825008-2
ORANGE	DRD10CAE04	1825008-1

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INCHES	UNLESS OTHERWISE SPECIFIED	PPS ELECTRONICS CORPORATION	DATE
UNLESS OTHERWISE SPECIFIED	PPS ELECTRONICS CORPORATION	DATE	DATE

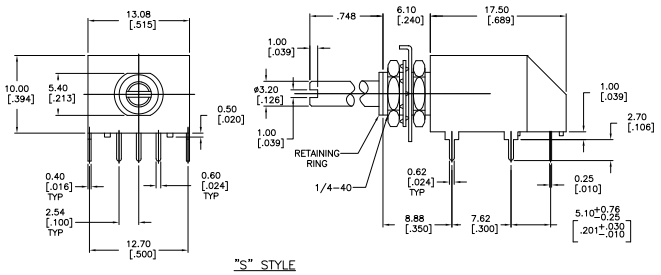
DR\*\*\*\*A SERIES ROTARY DIP SWITCH

SIZE: 00779 (G) 1825008

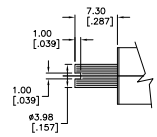
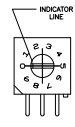
CUSTOMER DRAWING

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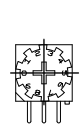
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AD 00	-	SEE SHEET 1	-	-



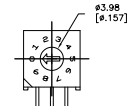
'S' STYLE



MINI SHAFT  
'M' STYLE



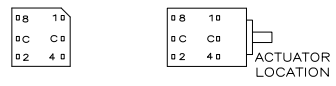
WHEEL  
'W' STYLE



'D' STYLE

ACTUATORS  
SCALE:3:1

TERMINAL IDENTIFICATION FOR DR SERIES ONLY  
(VIEWED FROM BOTTOM OF SWITCH)



10-POSITION, BCD SEE NOTE 3

POS	0	1	2	3	4	5	6	7	8	9
C	X	X	X	X	X	X	X	X	X	X
1		X		X		X		X		X
2			X		X		X		X	
4				X		X		X		
8									X	X

16-POSITION, HEXADECIMAL SEE NOTE 4

POS	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
1		X		X		X		X		X		X		X		X
2			X		X		X		X		X		X		X	
4				X		X		X		X		X		X		X
8									X	X	X	X	X	X	X	X

10 POSITION, BCD COMPLEMENT SEE NOTE 5

POS	0	1	2	3	4	5	6	7	8	9
C	X	X	X	X	X	X	X	X	X	X
1	X		X		X		X		X	
2	X			X		X			X	
4	X		X						X	
8	X		X	X	X	X	X	X		

16-POSITION, HEXADECIMAL COMPLEMENT SEE NOTE 6

POS	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
1	X		X		X		X		X		X		X		X	
2	X			X		X			X		X		X			
4	X		X						X	X	X					
8	X		X	X	X	X	X	X								

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DESIGNER	DATE	PROJECT	REV
DRIVER	10/2008	DRIVER	1

DRIVER SERIES ROTARY DIP SWITCH

SEE CUSTOMER DRAWING 1825008

CUSTOMER DRAWING