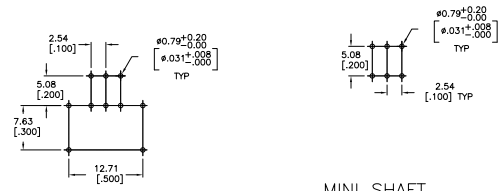


**DRD RIGHT ANGLE  
PC MOUNT**



**MINI SHAFT  
FLUSH  
WHEEL**

**"S" STYLE**

**PRINTED CIRCUIT BOARD LAYOUTS**

**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 OZF.IN. 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:**

- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
  - COMMON TERMINALS ARE CONNECTED INTERNALLY, EXCEPT ON HYBRID VERSIONS.
  - RED ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH. "S" STYLES HAVE NOT PRINTING ON TOP.
  - BLACK ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH. "S" STYLES HAVE NO PRINTING ON TOP.
  - ORANGE ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH "S" STYLES HAVE NO PRINTING ON TOP.
  - 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	DRW16RAE04	1-1825008-4
ORANGE	DRW16RAE04	1-1825008-3
N/A	DRS16RA04	1-1825008-2
N/A	DRS16CR04	1-1825008-1
N/A	DRS16RA04	1-1825008-0
N/A	DRS10CR04	1825008-9
BLACK	DRM16RAE04	1825008-8
WHITE	DRM16RAE04	1825008-7
RED	DRM16RAE04	1825008-6
ORANGE	DRM16RAE04	1825008-5
BLACK	DRD16RAE04	1825008-4
WHITE	DRD16RAE04	1825008-3
RED	DRD16RAE04	1825008-2
ORANGE	DRD16RAE04	1825008-1
ROTOR COLOR	T&B P/N	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

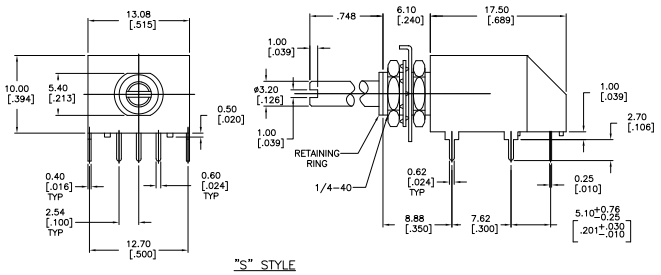
REVISIONS	DATE	BY	APP
AD 00			

DATE: 10/07/07  
 DRAWING NO: 100779  
 CUSTOMER DRAWING

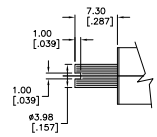
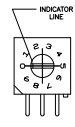
DR\*\*\*\*A SERIES ROTARY DIP SWITCH

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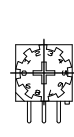
REV	DATE	DESCRIPTION	BY	APP'D
AD 00		SEE SHEET 1		



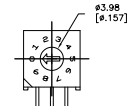
'S' STYLE



MINI SHAFT  
'M' STYLE



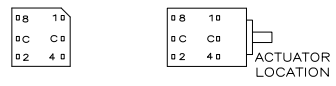
WHEEL  
'W' STYLE



'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	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	X	
4					X	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			X	X
4	X	X	X	X					X	X
8	X	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			X	X		
4	X	X	X	X					X	X	X					
8	X	X	X	X	X	X	X	X								

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DESIGNER	DATE	PROJECT	REV
DRIVER	00779	DRIVER	1

DRIVER SERIES ROTARY DIP SWITCH

DATE: 00779, DRAWING NO: 1825008, REV: 1, SHEET: 2 OF 2, SIZE: A3