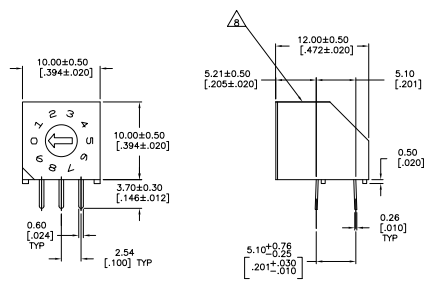
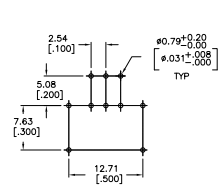


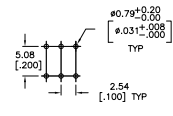
REV	DATE	DESCRIPTION	BY	APP
AD 00		REVISED PER EDD-11-004587	11MM11	RK HMR



**DRD RIGHT ANGLE
 PC MOUNT**



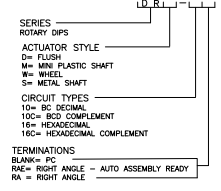
"S" STYLE



**MINI SHAFT
 FLUSH
 WHEEL**

PRINTED CIRCUIT BOARD LAYOUTS

HOW TO ORDER



- SERIES**
 ROTARY DIPS
 ACTUATOR STYLE
 D= FLUSH
 M= MINI 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:

- 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	DRW16RAED4	1-1825008-6
WHITE	DRW16RAED4	1-1825008-5
RED	DRW16RAED4	1-1825008-4
ORANGE	DRW16RAED4	1-1825008-3
N/A	DRS16RAED4	1-1825008-2
N/A	DRS16CRAD4	1-1825008-1
N/A	DRS16ORAD4	1-1825008-0
N/A	DRS10CRAD4	1825008-9
BLACK	DRM16RAED4	1825008-8
WHITE	DRM16RAED4	1825008-7
ORANGE	DRM10CRAD4	1825008-5
BLACK	DRD16RAED4	1825008-4
WHITE	DRD16CRAD4	1825008-3
RED	DRD16RAED4	1825008-2
ORANGE	DRD10CRAD4	1825008-1

THIS DRAWING IS A CONTROLLED DOCUMENT. **TE Connectivity**

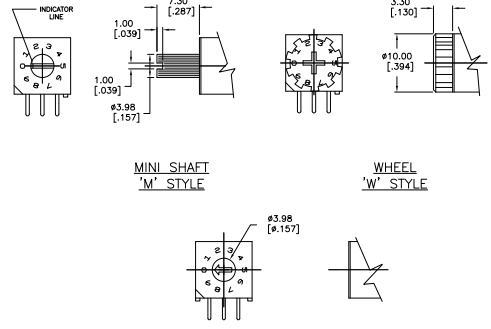
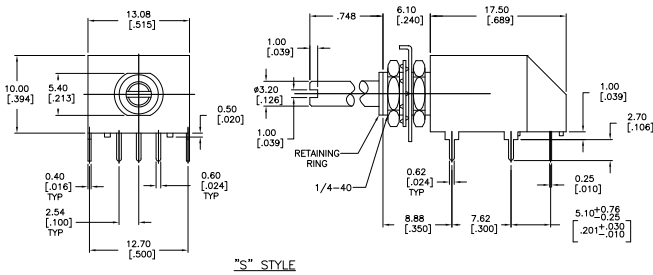
DR****A SERIES ROTARY DIP SWITCH

DATE: 100779 DRAWING NO: 1825008

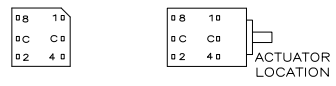
CUSTOMER DRAWING

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REV	DATE	DESCRIPTION	BY	APP
AD 00		SEE SHEET 1		



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



ACTUATORS
 SCALE:3:1

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								

THIS DRAWING IS A CONTROLLED DOCUMENT.

DESIGNED BY	DESIGNED BY	DATE	DATE
DRAWN BY	DRAWN BY	DATE	DATE
CHECKED BY	CHECKED BY	DATE	DATE
APPROVED BY	APPROVED BY	DATE	DATE

TE Connectivity
 DR****A SERIES ROTARY DIP SWITCH
 A1 00779 G=1825008
 CUSTOMER DRAWING