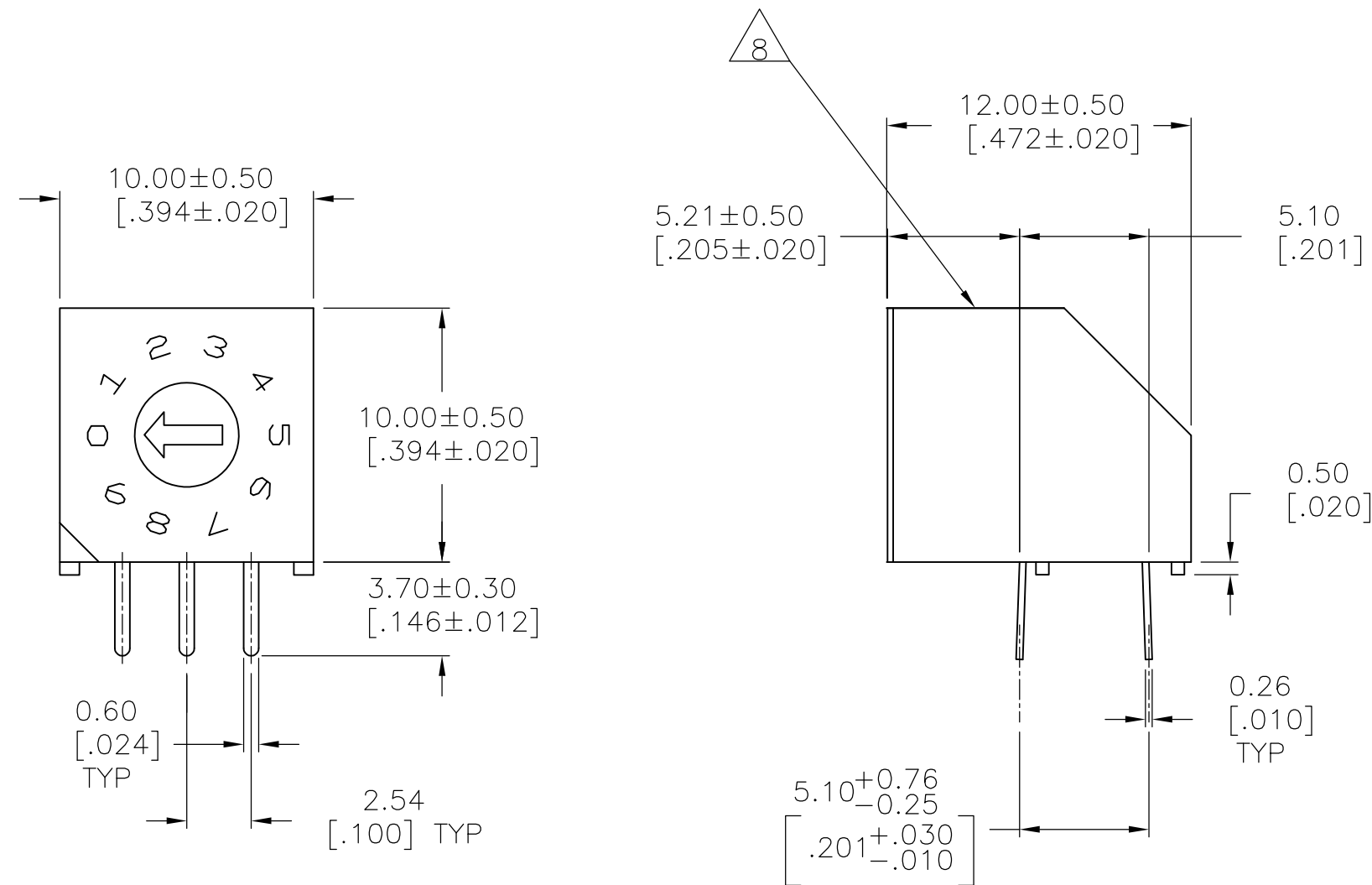
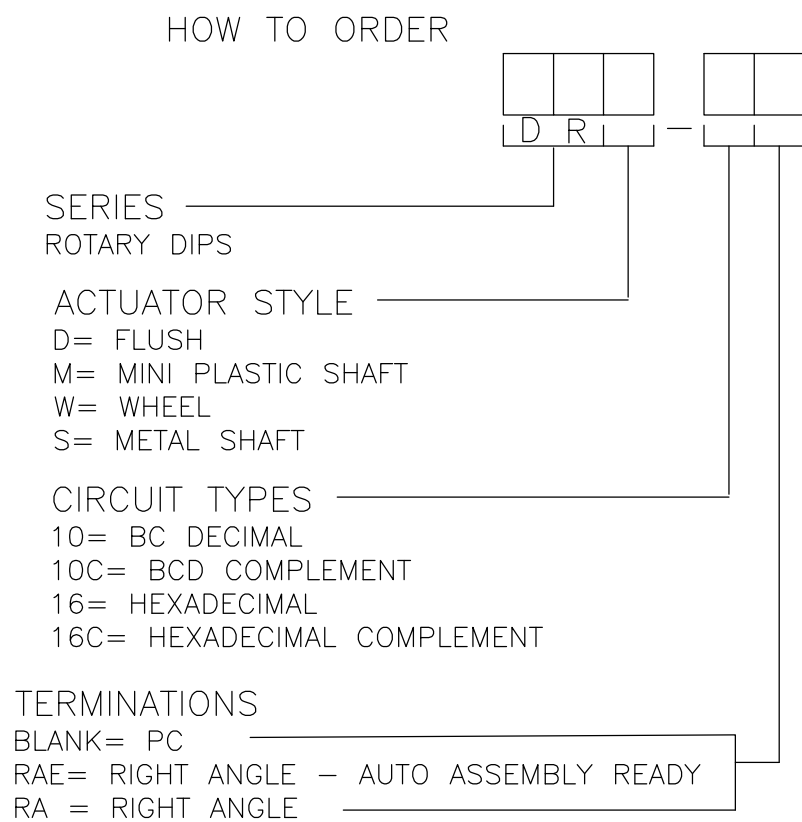


D



DRD RIGHT ANGLE
PC MOUNT



SPECIFICATIONS:

MATERIAL:
FRAME & CASE- PPS UL94V-0, BLACK
ROTOR, PA6T 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

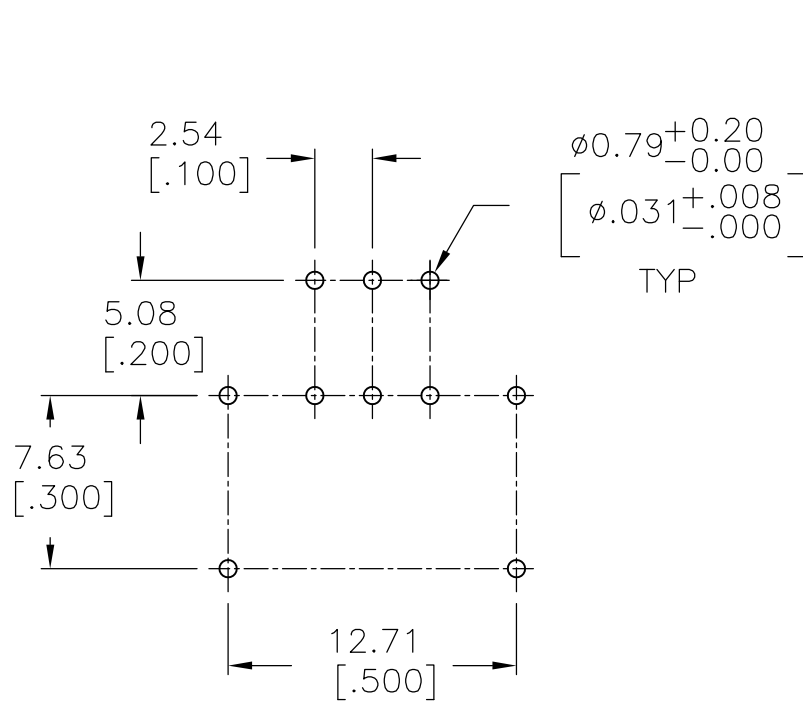
NOTES:

- 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.

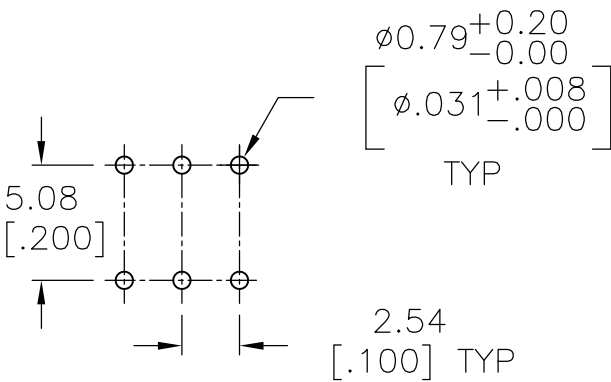
△ LOCATE 'ALCO' TRADE NAME AND LOT NUMBER MARKING.
LOT NUMBER TO BE MARKED AS FOLLOW:

4 F
1ST DIGIT 2ND DIGIT
YEAR 1194 MONTH 6

MARK WITH PERMANENT WHITE INK.



"S" STYLE



MINI SHAFT
FLUSH
WHEEL

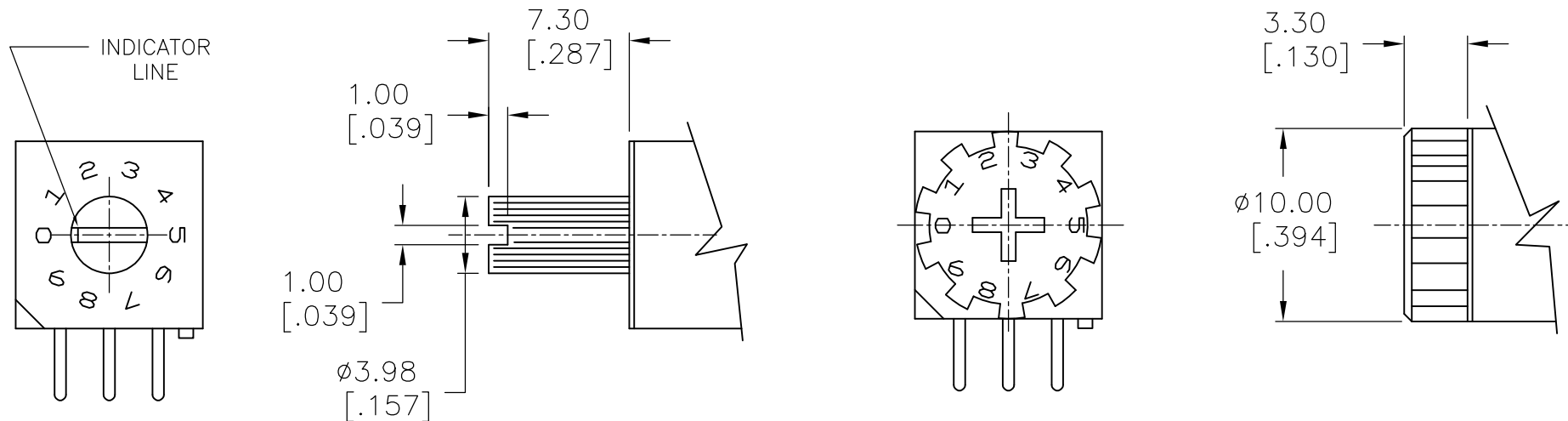
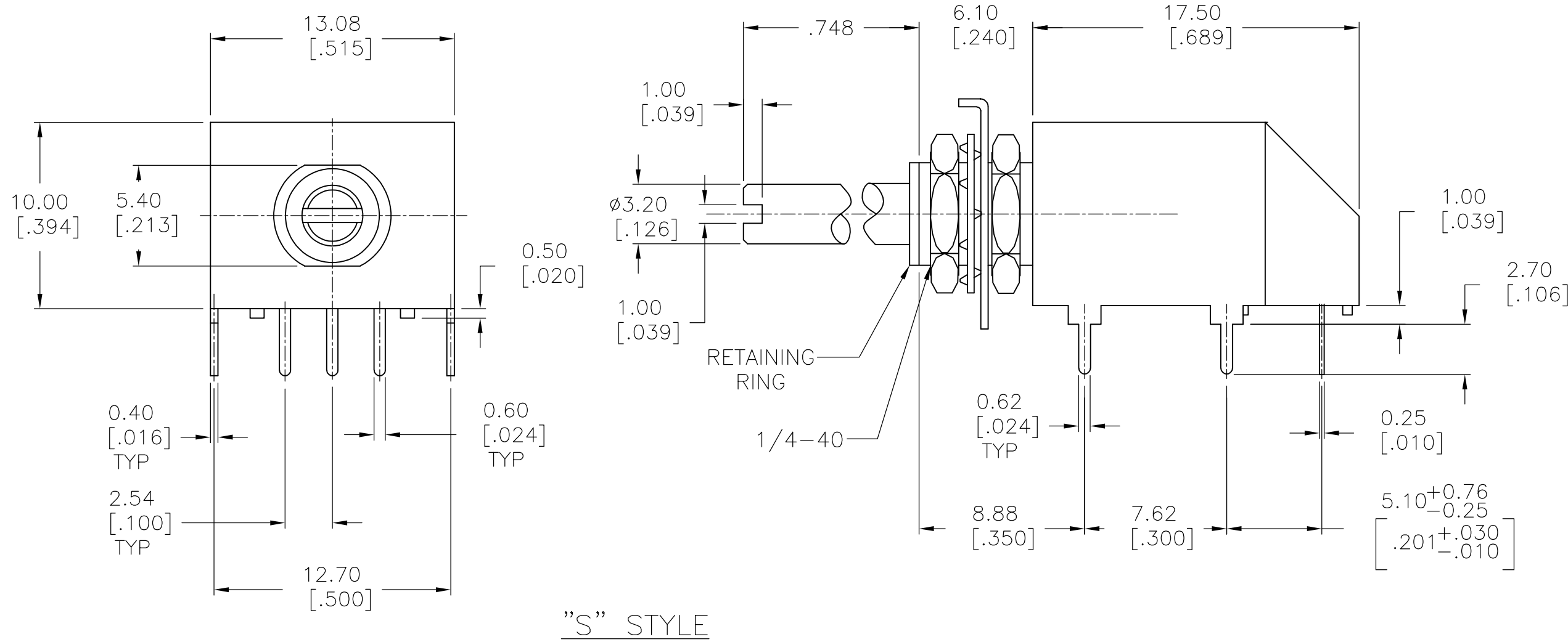
PRINTED CIRCUIT BOARD LAYOUTS

	BLACK	DRW16RAE04	1-1825008-6
	WHITE	DRW16CRAE04	1-1825008-5
	RED	DRW10RAE04	1-1825008-4
OBSOLETE	ORANGE	DRW10CRAE04	1-1825008-3
	N/A	DRS16RA04	1-1825008-2
	N/A	DRS16CRA04	1-1825008-1
	N/A	DRS10RA04	1-1825008-0
OBSOLETE	N/A	DRS10CRAE04	1825008-9
	BLACK	DRM16RAE04	1825008-8
OBSOLETE	WHITE	DRM16CRAE04	1825008-7
	RED	DRM10RAE04	1825008-6
OBSOLETE	ORANGE	DRM10CRAE04	1825008-5
	BLACK	DRD16RAE04	1825008-4
	WHITE	DRD16CRAE04	1825008-3
	RED	DRD10RAE04	1825008-2
OBSOLETE	ORANGE	DRD10CRAE04	1825008-1
	ROTOR COLOR	T&B P/N	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN B.S.VISWESWARA CHK M.S.SARVER APVD	17MAY2005	TE Connectivity
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME
0 PLC ± - 1 PLC ± - 2 PLC ± 0.25 3 PLC ± - 4 PLC ± - ANGLES ± 1°	FINISH	APPLICATION SPEC	SIZE
MATERIAL	WEIGHT	0	00779
CUSTOMER DRAWING	SCALE	4:1	SHEET 1 OF 2

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

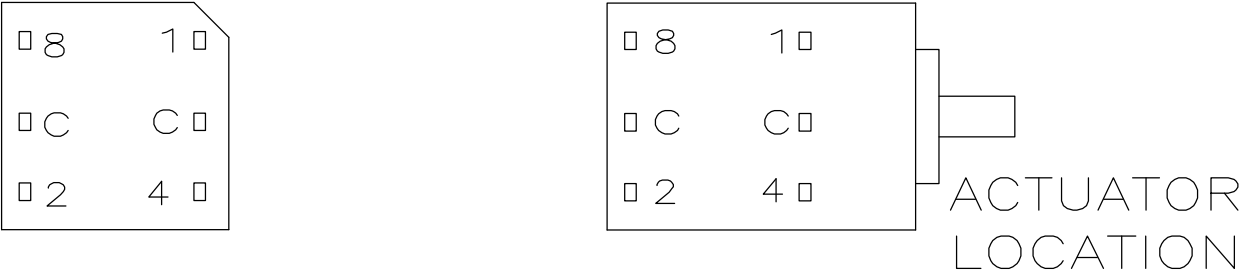
D



WHEEL
'W' STYLE

'D' STYLE

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



ACTUATORS
SCALE:3:1

B

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
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
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

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
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
1	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							

A

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± 0.25
3 PLC ± -
4 PLC ± -
ANGLES ± 1°

FINISH
-

DWN
B.S.VISWESWARA
CHK
M.S.SARVER
APVD
-

17MAY2005
-

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
0

CUSTOMER DRAWING

TE Connectivity

NAME
DR***RA SERIES ROTARY DIP SWITCH

SIZE
A1

CAGE CODE
00779

DRAWING NO
1825008

RESTRICTED TO
-

SCALE
4:1

SHEET
2

OF
2

REV
A5

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[DRS16RA04](#)