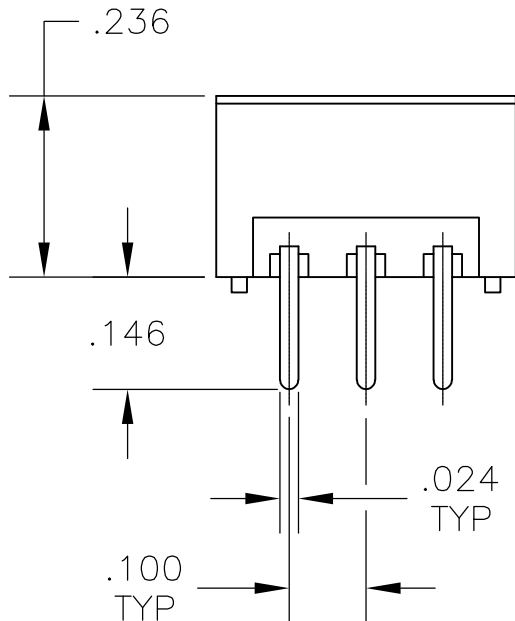
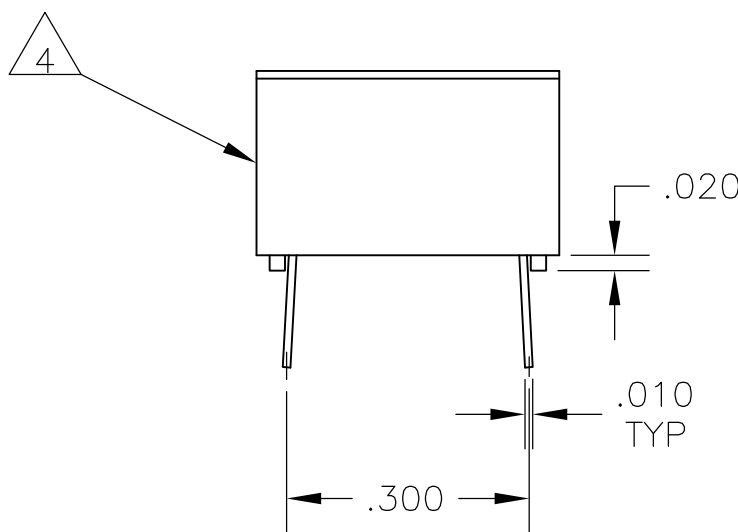
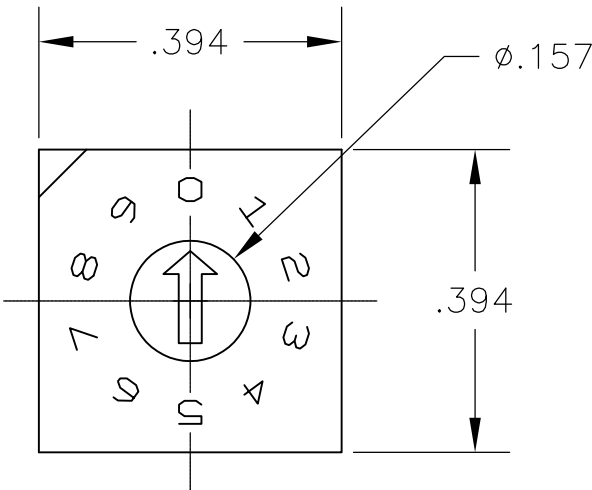
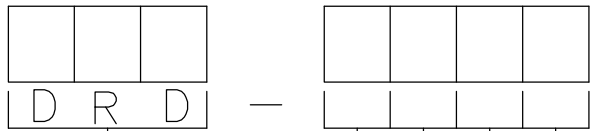


LOC		DIST		REVISIONS					
AD		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					A4	REVISED PER ECO-11-004587	11MAR11	RK	HMR



PC MOUNT

HOW TO ORDER



SERIES

CIRCUIT TYPES

- 10= BC DECIMAL
- 10C= BCD COMPLEMENT
- 16= HEXADECIMAL
- 16C= HEXADECIMAL COMPLEMENT

TERMINATIONS

BLANK= PC

S= OUTSIDE "L"

SA= INSIDE "L"

SURFACE MOUNT

OPTIONS

TR= TAPE AND REEL PACKAGING

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
O-RING- SILICON RUBBER

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) OR 109-201, COND B (SMT)
SOLDERABILITY-PER JIS C 0050 & JIS C 0053

NOTES:

- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
- TAPE & REEL PACKAGING PER EIA-481.
- COMMON TERMINALS ARE CONNECTED INTERNALLY.

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

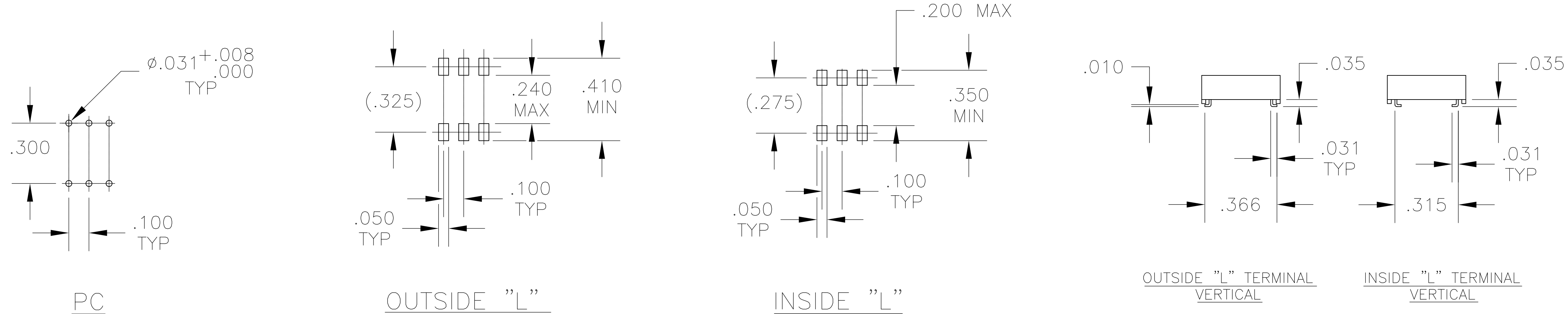
4 F
1ST DIGIT 2ND DIGIT
YEAR 1194 MONTH 6

MARK WITH PERMANENT WHITE INK.

TOP TAPE SEAL INCLUDED.

THRU-HOLE	BLACK	BLACK	DRD16ET04	2-1825007-2
THRU-HOLE	RED	BLACK	DRD10ET04	2-1825007-1
SMT	BLACK	BLACK	DRD16SETR04	2-1825007-0
SMT	BLACK	BLACK	DRD16SAETR04	1-1825007-9
SMT	BLACK	BLACK	DRD16SE04	1-1825007-8
SMT	BLACK	BLACK	DRD16SAE04	1-1825007-7
THRU-HOLE	BLACK	BLACK	DRD16E04	1-1825007-6
SMT	WHITE	BLACK	DRD16CSETR04	1-1825007-5
SMT	WHITE	BLACK	DRD16CSAETR04	1-1825007-4
SMT	WHITE	BLACK	DRD16CSE04	1-1825007-3
SMT	WHITE	BLACK	DRD16CSAE04	1-1825007-2
THRU-HOLE	WHITE	BLACK	DRD16CE04	1-1825007-1
SMT	RED	BLACK	DRD10SETR04	1-1825007-0
SMT	RED	BLACK	DRD10SAETR04	1825007-9
SMT	RED	BLACK	DRD10SE04	1825007-8
SMT	RED	BLACK	DRD10SAE04	1825007-7
THRU-HOLE	RED	BLACK	DRD10E04	1825007-6
SMT	ORANGE	BLACK	DRD10CSETR04	1825007-5
SMT	ORANGE	BLACK	DRD10CSAETR04	1825007-4
SMT	ORANGE	BLACK	DRD10CSE04	1825007-3
SMT	ORANGE	BLACK	DRD10CSAE04	1825007-2
THRU-HOLE	ORANGE	BLACK	DRD10CE04	1825007-1
MTG TYPE	ROTOR COLOR	CASE COLOR	ALCO P/N	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA CHK M.S.SARVER	10MAY05	 TE Connectivity		
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME	ROTARY DIP DRD E SERIES			
	0 PLC ± —	PRODUCT SPEC	—			
	1 PLC ± —	APPLICATION SPEC	—			
	2 PLC ± .010	—	—			
	4 PLC ± —	—	—			
	ANGLES ± 1°	—	—			
MATERIAL	FINISH	WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
SEE NOTE	—	—	A1	00779	C1825007	—
CUSTOMER DRAWING		SCALE		SHEET		REV
		4:1		1 OF 2		A

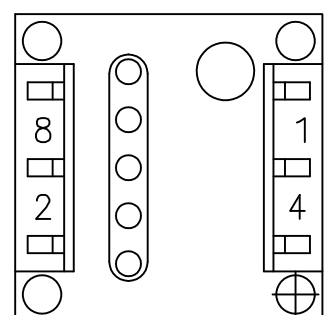


PRINTED CIRCUIT BOARD LAYOUTS

TERMINAL CONFIGURATIONS

TRUTH TABLES

TERMINAL IDENTIFICATION
(VIEWED FROM BOTTOM OF SWITCH)



10-POSITION, BCD ROTOR - RED

[illegible]

16-POSITION, HEXADECIMAL ROTOR - BLACK

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 ROTOR - ORANGE
```

[illegible]16-POSITION,
HEXADECIMAL COMPLEMENT ROTOR - WHITE

POS	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
$\overline{C}$	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
$\overline{1}$	x		x		x		x		x		x		x		x	
$\overline{2}$	x	x			x	x			x	x			x	x		
$\overline{4}$	x	x	x	x					x	x	x	x				
$\overline{8}$	x	x	x	x	x	x	x	x								