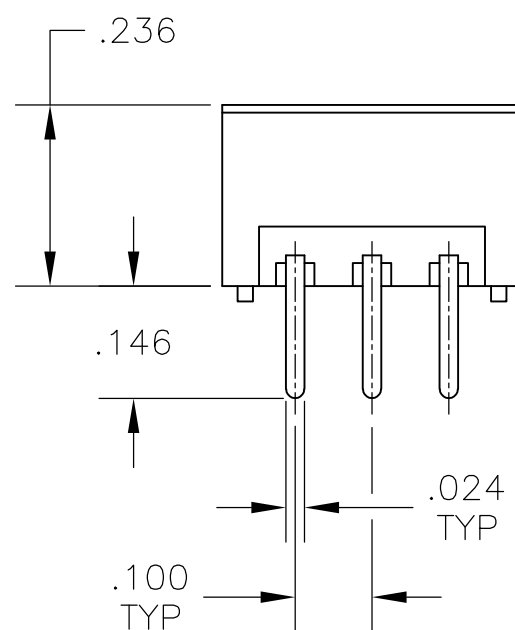
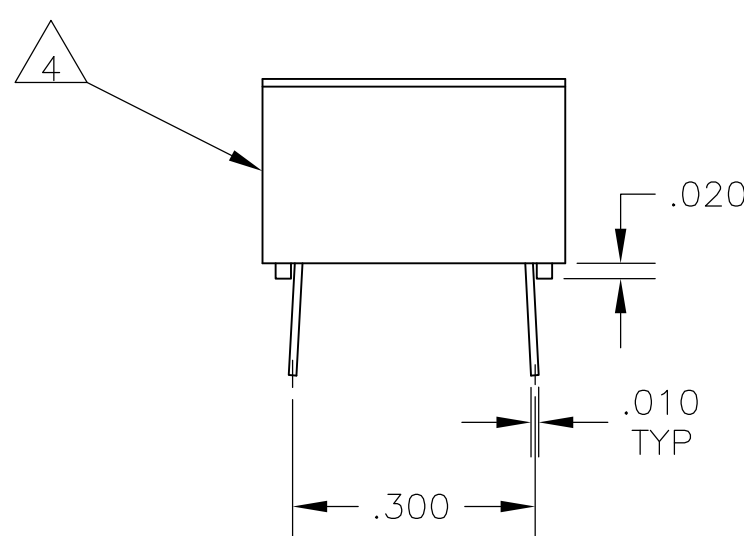
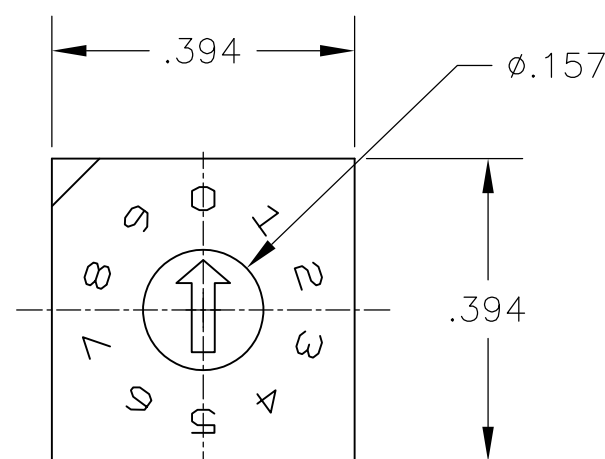


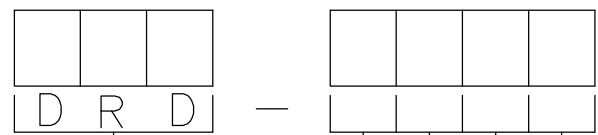
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DMN	APVD
	A5	REVISED PER ECO-17-001765	05MAY2017	SK	AS



PC MOUNT

HOW TO ORDER



SERIES

CIRCUIT TYPES

10= BC DECIMAL
10C= BCD COMPLEMENT
16= HEXADECEMAL
16C= HEXADECEMAL 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:

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

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

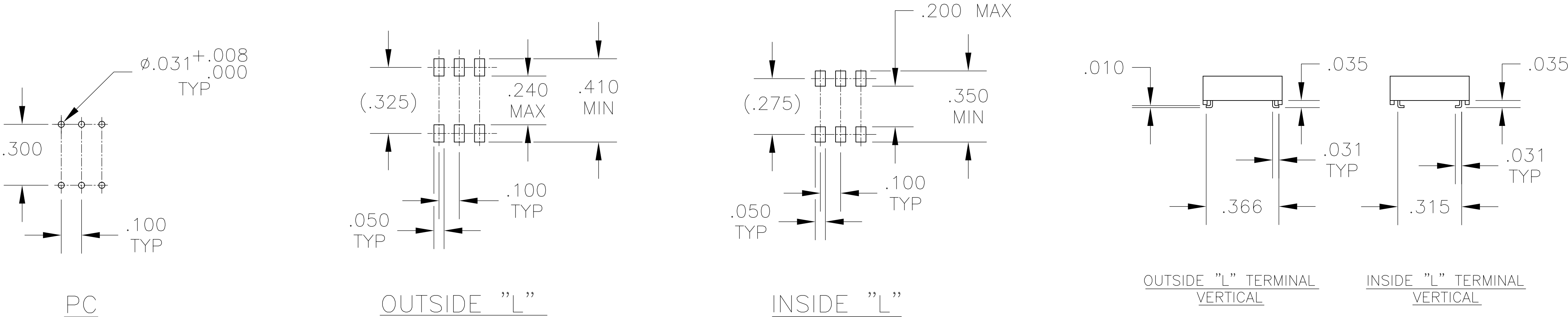
4 F
1ST DIGIT 2ND DIGIT
YEAR 1194 MONTH 6

MARK WITH PERMANENT WHITE INK.

 TOP TAPE SEAL INCLUDED.

A	OBSOLETE	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
OBSOLETE	-SMT	BLACK	BLACK	DRD16SAE04	1-1825007-7	
	THRU-HOLE	BLACK	BLACK	DRD16E04	1-1825007-6	
OBSOLETE	-SMT	WHITE	BLACK	DRD16CSETR04	1-1825007-5	
	-SMT	WHITE	BLACK	DRD16CSAETR04	1-1825007-4	
OBSOLETE	SMT	WHITE	BLACK	DRD16CSE04	1-1825007-3	
	-SMT	WHITE	BLACK	DRD16CSAE04	1-1825007-2	
OBSOLETE	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	
OBSOLETE	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	
OBSOLETE	THRU-HOLE	ORANGE	BLACK	DRD10CE04	1825007-1	
	MTG TYPE	ROTOR COLOR	CASE COLOR	ALCO P/N	PART NO.	

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWG NO. B.S.VISWESWARA	10 MAY 05	 TE Connectivity						
			CHK M.S.SARVER	APP'D							
DIMENSIONS: INCHES 	TOLERANCES, UNLESS OTHERWISE SPECIFIED:			NAME	ROTARY DIP ORD E SERIES —						
	0	PLC	±								
	1	PLC	±								
	2	PLC	±								
	0	PLC	± .010								
	4	PLC	±								
ANGLES — ± 1°			APPLICATION SPEC								
MATERIAL	FINISH	WEIGHT	0	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
				A1	00779	C=1825007	—				
SEE NOTE			CUSTOMER DRAWING			SCALE	4:1	SHEET	1 of 2	REV	A5

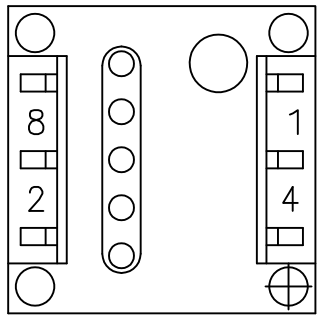


PRINTED CIRCUIT BOARD LAYOUTS

TERMINAL CONFIGURATIONS

TRUTH TABLES

TERMINAL IDENTIFICATION
(VIEWED FROM BOTTOM OF SWITCH)



10-POSITION, BCD ROTOR - RED

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 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	X
8									X	X	X	X	X	X	X	X

10 POSITION, BCD COMPLEMENT ROTOR - ORANGE

POS	0	1	2	3	4	5	6	7	8	9
$\overline{C}$	X	X	X	X	X	X	X	X	X	X
$\overline{1}$	X		X		X		X		X	
$\overline{2}$	X	X			X	X			X	X
$\overline{4}$	X	X	X	X					X	X
$\overline{8}$	X	X	X	X	X	X	X	X		

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								