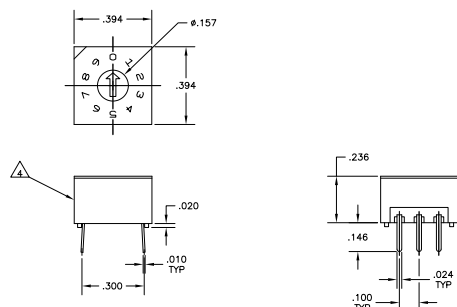
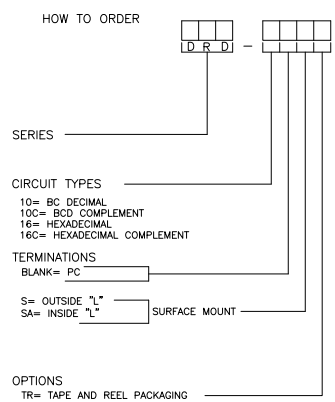




PC MOUNT



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
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 1ST DIGIT
F 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	DRD16SET04	2-1825007-0
SMT	BLACK	BLACK	DRD16SAET04	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	DRD16CSAET04	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	DRD10SAET04	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	DRD10CSAET04	1825007-4
SMT	ORANGE	BLACK	DRD10CSE04	1825007-3
THRU-HOLE	ORANGE	BLACK	DRD10CSAE04	1825007-2
THRU-HOLE	ORANGE	BLACK	DRD10CE04	1825007-1

MTG TYPE ROTOR COLOR CASE COLOR ALCO P/N PART NO.

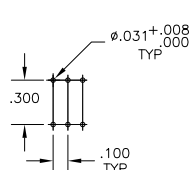
THIS DRAWING IS A CONTROLLED DOCUMENT.

REVISIONS

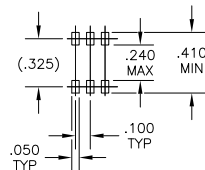
REV	DATE	DESCRIPTION	BY	CHKD
AD	00			
A3		REVISED PER ECO-07-008605		

DATE 12/31/07

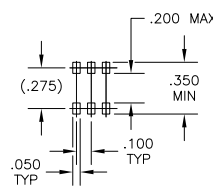
CUSTOMER DRAWING



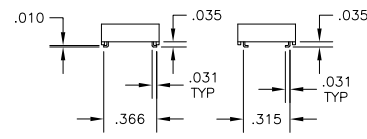
PC



OUTSIDE "L"



INSIDE "L"



OUTSIDE "L" TERMINAL VERTICAL

INSIDE "L" TERMINAL VERTICAL

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			
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
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
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 ROTOR - WHITE

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: J. L. VANDERKAM
 CHECKED BY: J. L. VANDERKAM
 DATE: 11/11/15

REVISIONS
 1. 11/11/15 J. L. VANDERKAM
 2. 11/11/15 J. L. VANDERKAM

DATE: 11/11/15
 DRAWING NO: A100779
 CUSTOMER: TYS ELECTRONICS CORPORATION
 PART: ROTARY DIP
 DWD E SERIES

DATE: 11/11/15
 DRAWING NO: A100779
 CUSTOMER: TYS ELECTRONICS CORPORATION
 PART: ROTARY DIP
 DWD E SERIES

DATE: 11/11/15
 DRAWING NO: A100779
 CUSTOMER: TYS ELECTRONICS CORPORATION
 PART: ROTARY DIP
 DWD E SERIES