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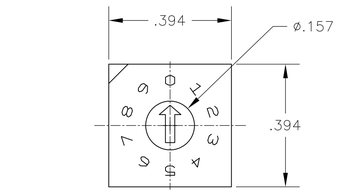
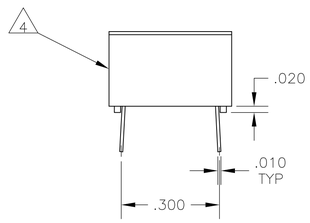
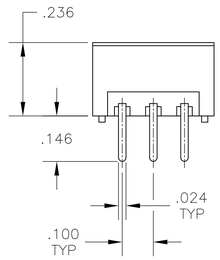
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A5	REVISED PER ECO-17-001765	05MAY2017	SK	AS







PC MOUNT

HOW TO ORDER

D R D – | | | | |

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:

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.

5 TOP TAPE SEAL INCLUDED.

	MTG TYPE	ROTOR COLOR	CASE COLOR	ALCO P/N	PART NO.
5 5 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~~
	SMT	WHITE	BLACK	DRD16CSE04	1–1825007–3
OBSOLETE	~~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
OBSOLETE	~~SMT~~	~~RED~~	~~BLACK~~	~~DRD10SAE04~~	~~1825007–7~~
	THRU–HOLE	RED	BLACK	DRD10E04	1825007–6
OBSOLETE	~~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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .010
4 PLC ± –
ANGLES ± 1°

MATERIAL: SEE NOTE
FINISH: –

DWN: B.S.VISWESWARA 10MAY05
CHK: M.S.SARVER –
APVD: – –
PRODUCT SPEC: –
APPLICATION SPEC: –
WEIGHT: 0

TE Connectivity

NAME: ROTARY DIP
DRD E SERIES
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1825007	–

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV A5