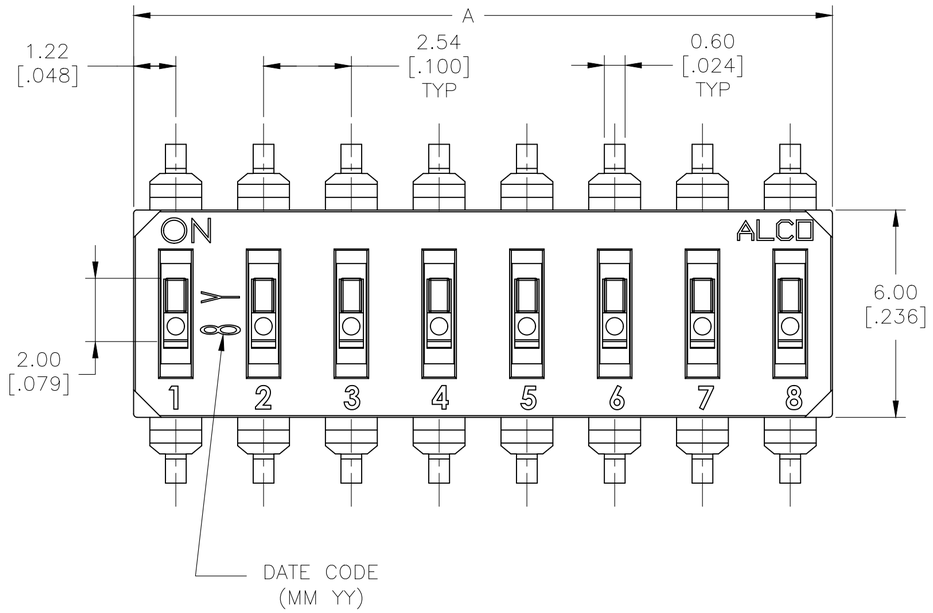
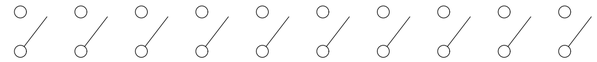
MR SERIES RECESSED ACTUATORS

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	29MAY2017	SK	AS
	A1	REVISED PER ECO-17-015842	27OCT2017	RK	AS

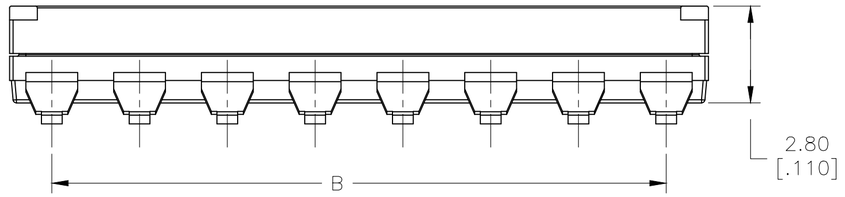


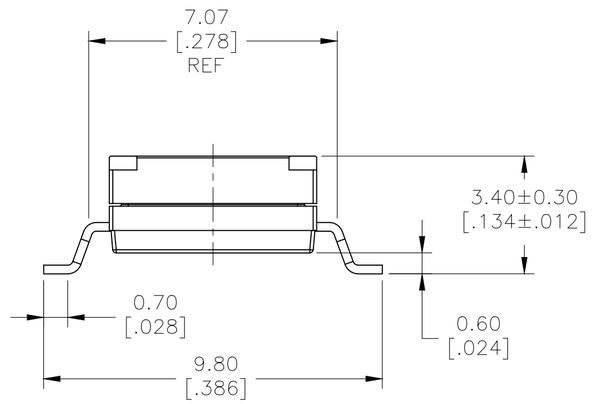
SCHEMATIC(TYP.)



(1, 2, 3, 4, 5, 6, 7, 8,
9, 10, 12 POS AVAIL)

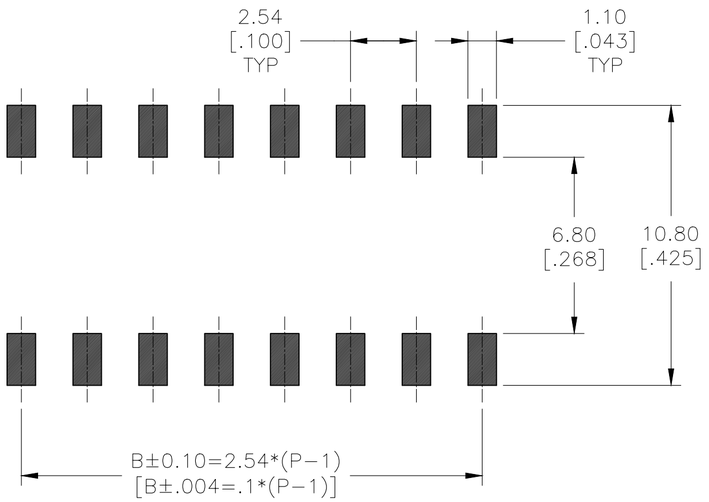
CIRCUIT DIAGRAM





TWO POSITIONS AND LARGER

ONE POSITION



P.C.B. LAYOUT

EDS — — — — — 04Q

POSITIONS:
01,02,03,04,05,06
07,08,09,10,12

SMT:
SG=GULL WING
SN=J STYLE

ACTUATOR:
N=RAISED
R=RECESSED

HALOGEN FREE

ROHS COMPLIANT

PACKAGING:
TU=TUBE
TR=TAPE AND REEL

SEAL:
N=NONE
S=TOP SEAL

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.20[.008]
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –

FINISH –

DWN SHIVAKUMAR S S 29MAY2017
CHK ALEXANDER SHARPE 29MAY2017
APVD ALEXANDER SHARPE 29MAY2017
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME
END STACKABLE DIP SWITCHES
RECESSED ACTUATOR
–

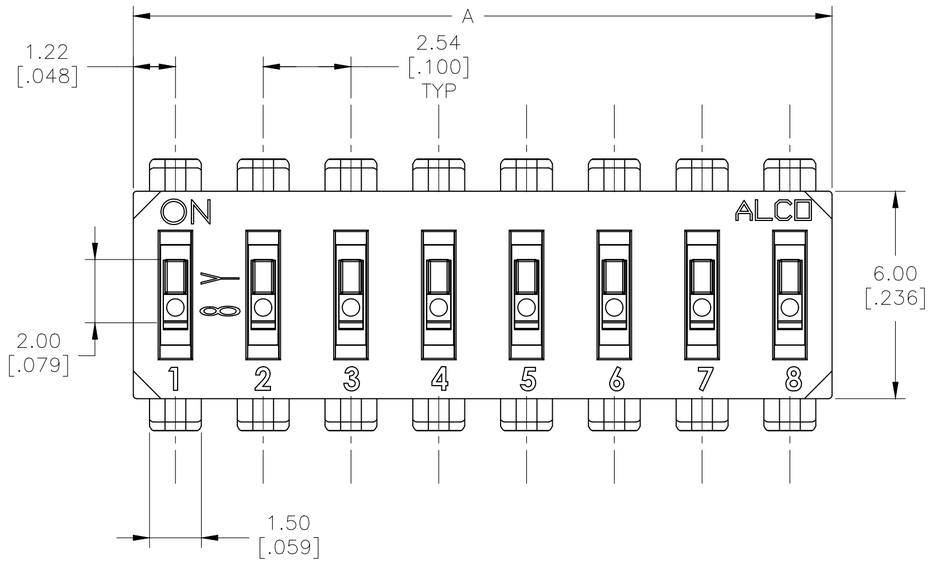
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2319848	—

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 5 | REV A1

2319848

JR SERIES RECESSED ACTUATORS

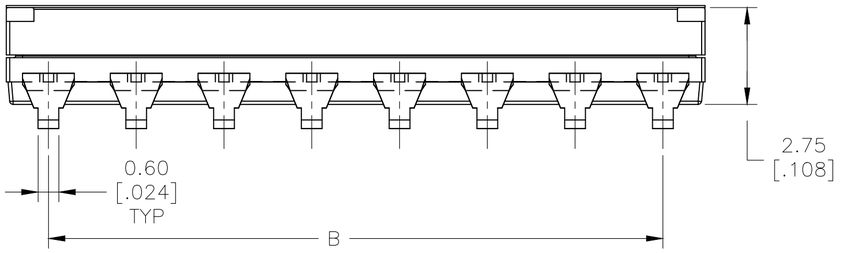
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–

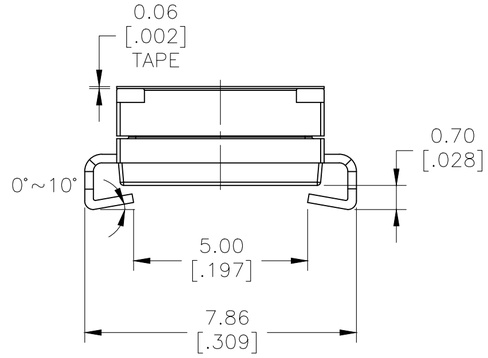


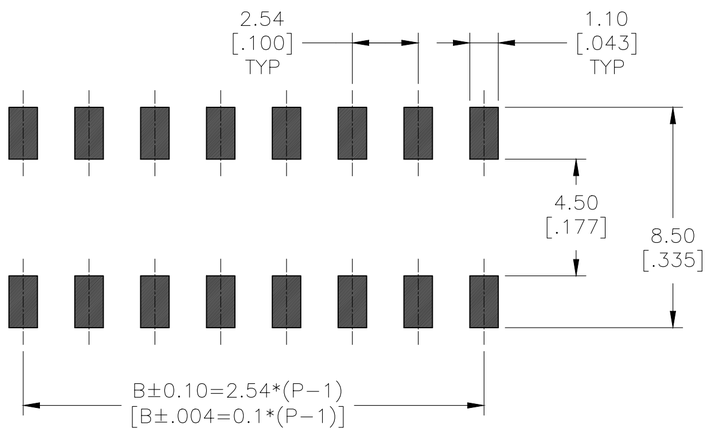
SCHEMATIC(TYP.)

(2, 3, 4, 5, 6, 7, 8, 9,
10, 12 POS AVAIL)

CIRCUIT DIAGRAM







P.C.B. LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.20[.008]
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –

FINISH –

DWN 29MAY2017 SHIVAKUMAR S S
CHK 29MAY2017 ALEXANDER SHARPE
APVD 29MAY2017 ALEXANDER SHARPE
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT

TE Connectivity

NAME
END STACKABLE DIP SWITCHES
RECESSED ACTUATOR
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2319848	–

CUSTOMER DRAWING | SCALE 1:1 | SHEET 2 OF 5 | REV A1

2319848

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–

NOTES	SEAL	SERIES	B DIM	A DIM	No OF POSITION	TE DESCRIPTIVE PART NUMBER	TE PART NUMBER
3	NO	MR	22.86 [.900]	25.3 [.996]	10	EDS10SGRNTR04Q	5-2319848-2
			20.32 [.800]	22.76 [.896]	09	EDS09SGRNTR04Q	5-2319848-1
			17.78 [.700]	20.22 [.796]	08	EDS08SGRNTR04Q	5-2319848-0
			15.24 [.600]	17.68 [.696]	07	EDS07SGRNTR04Q	4-2319848-9
			12.70 [.500]	15.14 [.596]	06	EDS06SGRNTR04Q	4-2319848-8
			10.16 [.400]	12.60 [.496]	05	EDS05SGRNTR04Q	4-2319848-7
			7.62 [.300]	10.06 [.396]	04	EDS04SGRNTR04Q	4-2319848-6
			5.08 [.200]	7.52 [.296]	03	EDS03SGRNTR04Q	4-2319848-5
			2.54 [.100]	4.98 [.196]	02	EDS02SGRNTR04Q	4-2319848-4
			–	2.44 [.096]	01	EDS01SGRNTR04Q	4-2319848-3
2	YES	JR	27.94 [1.100]	30.38 [1.196]	12	EDS12SNRSTU04Q	4-2319848-2
			22.86 [.900]	25.3 [.996]	10	EDS10SNRSTU04Q	4-2319848-1
			20.32 [.800]	22.76 [.896]	09	EDS09SNRSTU04Q	4-2319848-0
			17.78 [.700]	20.22 [.796]	08	EDS08SNRSTU04Q	3-2319848-9
			15.24 [.600]	17.68 [.696]	07	EDS07SNRSTU04Q	3-2319848-8
			12.70 [.500]	15.14 [.596]	06	EDS06SNRSTU04Q	3-2319848-7
			10.16 [.400]	12.60 [.496]	05	EDS05SNRSTU04Q	3-2319848-6
			7.62 [.300]	10.06 [.396]	04	EDS04SNRSTU04Q	3-2319848-5
			5.08 [.200]	7.52 [.296]	03	EDS03SNRSTU04Q	3-2319848-4
			2.54 [.100]	4.98 [.196]	02	EDS02SNRSTU04Q	3-2319848-3
		MR	27.94 [1.100]	30.38 [1.196]	12	EDS12SGRSTU04Q	3-2319848-2
			22.86 [.900]	25.3 [.996]	10	EDS10SGRSTU04Q	3-2319848-1
			20.32 [.800]	22.76 [.896]	09	EDS09SGRSTU04Q	3-2319848-0
			17.78 [.700]	20.22 [.796]	08	EDS08SGRSTU04Q	2-2319848-9
			15.24 [.600]	17.68 [.696]	07	EDS07SGRSTU04Q	2-2319848-8
			12.70 [.500]	15.14 [.596]	06	EDS06SGRSTU04Q	2-2319848-7
2	YES	MR	10.16 [.400]	12.60 [.496]	05	EDS05SGRSTU04Q	2-2319848-6
			7.62 [.300]	10.06 [.396]	04	EDS04SGRSTU04Q	2-2319848-5
			5.08 [.200]	7.52 [.296]	03	EDS03SGRSTU04Q	2-2319848-4
			2.54 [.100]	4.98 [.196]	02	EDS02SGRSTU04Q	2-2319848-3
			–	2.44 [.096]	01	EDS01SGRSTU04Q	2-2319848-2
	NO	JR	27.94 [1.100]	30.38 [1.196]	12	EDS12SNRNTU04Q	2-2319848-1
			22.86 [.900]	25.3 [.996]	10	EDS10SNRNTU04Q	2-2319848-0
			20.32 [.800]	22.76 [.896]	09	EDS09SNRNTU04Q	1-2319848-9
			17.78 [.700]	20.22 [.796]	08	EDS08SNRNTU04Q	1-2319848-8
			15.24 [.600]	17.68 [.696]	07	EDS07SNRNTU04Q	1-2319848-7
			12.70 [.500]	15.14 [.596]	06	EDS06SNRNTU04Q	1-2319848-6
			10.16 [.400]	12.60 [.496]	05	EDS05SNRNTU04Q	1-2319848-5
			7.62 [.300]	10.06 [.396]	04	EDS04SNRNTU04Q	1-2319848-4
			5.08 [.200]	7.52 [.296]	03	EDS03SNRNTU04Q	1-2319848-3
			2.54 [.100]	4.98 [.196]	02	EDS02SNRNTU04Q	1-2319848-2
		MR	27.94 [1.100]	30.38 [1.196]	12	EDS12SGRNTU04Q	1-2319848-1
			22.86 [.900]	25.3 [.996]	10	EDS10SGRNTU04Q	1-2319848-0
			20.32 [.800]	22.76 [.896]	09	EDS09SGRNTU04Q	2319848-9
			17.78 [.700]	20.22 [.796]	08	EDS08SGRNTU04Q	2319848-8
			15.24 [.600]	17.68 [.696]	07	EDS07SGRNTU04Q	2319848-7
			12.70 [.500]	15.14 [.596]	06	EDS06SGRNTU04Q	2319848-6
			10.16 [.400]	12.60 [.496]	05	EDS05SGRNTU04Q	2319848-5
			7.62 [.300]	10.06 [.396]	04	EDS04SGRNTU04Q	2319848-4
			5.08 [.200]	7.52 [.296]	03	EDS03SGRNTU04Q	2319848-3
			2.54 [.100]	4.98 [.196]	02	EDS02SGRNTU04Q	2319848-2
			–	2.44 [.096]	01	EDS01SGRNTU04Q	2319848-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.20[.008]
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN 29MAY2017 SHIVAKUMAR S S
CHK 29MAY2017 ALEXANDER SHARPE
APVD 29MAY2017 ALEXANDER SHARPE
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT

TE Connectivity

NAME
END STACKABLE DIP SWITCHES
RECESSED ACTUATOR
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2319848	–

CUSTOMER DRAWING | SCALE 1:1 | SHEET 3 OF 5 | REV A1

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–

△3	YES	JR	27.94 [1.100]	30.38 [1.196]	12	EDS12SNRSTR04Q	8–2319848–4
			22.86 [.900]	25.3 [.996]	10	EDS10SNRSTR04Q	8–2319848–3
			20.32 [.800]	22.76 [.896]	09	EDS09SNRSTR04Q	8–2319848–2
			17.78 [.700]	20.22 [.796]	08	EDS08SNRSTR04Q	8–2319848–1
			15.24 [.600]	17.68 [.696]	07	EDS07SNRSTR04Q	8–2319848–0
			12.70 [.500]	15.14 [.596]	06	EDS06SNRSTR04Q	7–2319848–9
NOTES	SEAL	SERIES	B DIM	A DIM	No OF POSITION	TE DESCRIPTIVE PART NUMBER	TE PART NUMBER

△3	YES	JR	10.16 [.400]	12.60 [.496]	05	EDS05SNRSTR04Q	7–2319848–8
			7.62 [.300]	10.06 [.396]	04	EDS04SNRSTR04Q	7–2319848–7
			5.08 [.200]	7.52 [.296]	03	EDS03SNRSTR04Q	7–2319848–6
			2.54 [.100]	4.98 [.196]	02	EDS02SNRSTR04Q	7–2319848–5
		MR	27.94 [1.100]	30.38 [1.196]	12	EDS12SGRSTR04Q	7–2319848–4
			22.86 [.900]	25.3 [.996]	10	EDS10SGRSTR04Q	7–2319848–3
			20.32 [.800]	22.76 [.896]	09	EDS09SGRSTR04Q	7–2319848–2
			17.78 [.700]	20.22 [.796]	08	EDS08SGRSTR04Q	7–2319848–1
			15.24 [.600]	17.68 [.696]	07	EDS07SGRSTR04Q	7–2319848–0
			12.70 [.500]	15.14 [.596]	06	EDS06SGRSTR04Q	6–2319848–9
			10.16 [.400]	12.60 [.496]	05	EDS05SGRSTR04Q	6–2319848–8
			7.62 [.300]	10.06 [.396]	04	EDS04SGRSTR04Q	6–2319848–7
			5.08 [.200]	7.52 [.296]	03	EDS03SGRSTR04Q	6–2319848–6
			2.54 [.100]	4.98 [.196]	02	EDS02SGRSTR04Q	6–2319848–5
			–	2.44 [.096]	01	EDS01SGRSTR04Q	6–2319848–4
	NO	JR	27.94 [1.100]	30.38 [1.196]	12	EDS12SNRNTR04Q	6–2319848–3
			22.86 [.900]	25.3 [.996]	10	EDS10SNRNTR04Q	6–2319848–2
			20.32 [.800]	22.76 [.896]	09	EDS09SNRNTR04Q	6–2319848–1
			17.78 [.700]	20.22 [.796]	08	EDS08SNRNTR04Q	6–2319848–0
			15.24 [.600]	17.68 [.696]	07	EDS07SNRNTR04Q	5–2319848–9
			12.70 [.500]	15.14 [.596]	06	EDS06SNRNTR04Q	5–2319848–8
			10.16 [.400]	12.60 [.496]	05	EDS05SNRNTR04Q	5–2319848–7
			7.62 [.300]	10.06 [.396]	04	EDS04SNRNTR04Q	5–2319848–6
			5.08 [.200]	7.52 [.296]	03	EDS03SNRNTR04Q	5–2319848–5
			2.54 [.100]	4.98 [.196]	02	EDS02SNRNTR04Q	5–2319848–4
		MR	27.94 [1.100]	30.38 [1.196]	12	EDS12SGRNTR04Q	5–2319848–3
NOTES	SEAL	SERIES	B DIM	A DIM	No OF POSITION	TE DESCRIPTIVE PART NUMBER	TE PART NUMBER

2319848

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.20[.008]
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN SHIVAKUMAR S S 29MAY2017
CHK ALEXANDER SHARPE 29MAY2017
APVD ALEXANDER SHARPE 29MAY2017
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT

TE Connectivity

NAME
END STACKABLE DIP SWITCHES
RECESSED ACTUATOR
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2319848	–

CUSTOMER DRAWING | SCALE 1:1 | SHEET 4 OF 5 | REV A1

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

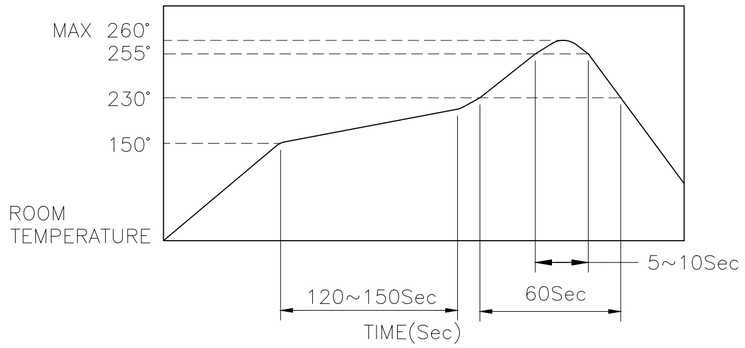
SOLDERING CONDITIONS:

THE CONDITIONS MENTIONED BELOW IS THE TEMPERATURE ON THE CU FOIL OF THE P.C.B SURFACE. DO NOT ALLOW THE SWITCH'S SURFACE TEMPERATURE TO EXCEED 260°C.

MANUAL SOLDERING

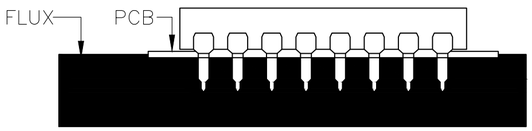
SOLDERING TEMPERATURE	MAX. 350°C.
CONTINUOUS SOLDERING TIME	MAX. 5 SECONDS.

REFLOW SOLDERING



HANDLING PRECAUTIONS

1. CARE SHOULD BE EXERCISED SO THAT FLUX FROM THE UPPER PART OF THE PRINTED CIRCUIT BOARD DOES NOT ADHERE TO THE SWITCH.
2. DON'T CLEAN THE SWITCH BODY EXCEPT WITH TOP TAPE SEALED TYPE, WHICH CAN ONLY SPRAY OF CLEANING METHOD FROM TOP OF S/W.
3. ENSURE FLUX DOES NOT RISE ABOVE THE TOP SURFACE OF THE PCB.



SPECIFICATIONS:

MATERIALS:

BASE: PA (HIGH–TEMP. NYLON) UL94V–O
COVER: PA (HIGH–TEMP. NYLON) UL94V–O
ACTUATOR: LCP UL94V–O
CONTACT: COPPER ALLOY, GOLD (in contact area) OVER NICKEL PLATE
TERMINAL: BRASS ALLOY, GOLD PLATE
TAPE:POLYAMIDE.

ELECTRICAL:

CONTACT RATING: NON–SWITCHING 100mA @ 50 VDC.
SWITCHING: 25mA @ 24 VDC.
INITIAL CONTACT RESISTANCE: 100mΩ MAX. @ 2 VDC. 10mA.
INSULATION RESISTANCE: 100 MEGOHMS MIN. @ 500 VDC, 1 MINUTE +/– 5 SECONDS.
DIELECTRIC STRENGTH: 500 VAC (50 OR 60 HZ), 1 MINUTE.
DURABILITY: 2,000 CYCLES.
CAPACITANCE: 5 pF MAX @ 1 MHz +/– 10 KHz.

MECHANICAL:

OPERATING FORCE: 1000gf MAX.

ENVIRONMENTAL:

OPERATING TEMPERATURE: –20°C TO +85°C.
STORAGE TEMPERATURE: –40°C TO +85°C.
SOLDER HEAT RESISTANCE PER 109–201, CONDITION B.
SOLDERABILITY PER JIS C 0050 & JIS C 0053.

NOTES:

1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27 JAN 2003 (ROHS).

△2 TUBE PACKAGING.

△3 TAPE AND REEL PACKAGING.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 29MAY2017 SHIVAKUMAR S S	TE Connectivity
DIMENSIONS: mm[INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – 1 PLC ± – 2 PLC ± 0.20[.008] 3 PLC ± – 4 PLC ± – ANGLES ± –	CHK 29MAY2017 ALEXANDER SHARPE	NAME END STACKABLE DIP SWITCHES RECESSED ACTUATOR –
		APVD 29MAY2017 ALEXANDER SHARPE	
		PRODUCT SPEC —	
		APPLICATION SPEC —	SIZE A2 / CAGE CODE 00779 / DRAWING NO C-2319848 / RESTRICTED TO —
MATERIAL –	FINISH –	WEIGHT	
		CUSTOMER DRAWING	SCALE 1:1 / SHEET 5 OF 5 / REV A1

2319848

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for DIP Switches/SIP Switches ***category:***

Click to view products by TE Connectivity ***manufacturer:***

Other Similar products are found below :

78M03S 79B10T 8136-475G4T G7G-1A2-CB-DC12 H7CZL8AC100240 A7SS-M A8CA-201 DRR60016 DRS4016 1825008-1 1825444-1 25.350.0653.0 SDA10H1BDA 97R06ST A2C-2A5 1825444-7 ADE08SA04 ADE12S04 192960010 2-1825058-8 25.330.0653.1 25.352.0353.0 CXDRIVEV2X IKN0600000 IKN0800000 LA2-002-DC24 DBS1003 438872000 DRD10CRAE04 DSR02T DSS 208 N E2FMX2D1M1TGJ03M NDI10H 219-9MSTP 204-6ES EPM02FV 701521596 NDS08V 76SB05 79A10 TD06H0SK1 Z7.255.9027.0 1-1825058-3 1825428-4 219-10LPSTF E3ZG6111D03M G4D212PUSTV2DC5 NDI05H EPG301BT06 206S0117