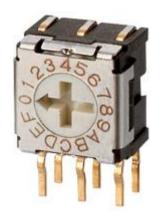


ERD7 SERIES MINIATURE SIZE □7×3 ROTARY SWITCH



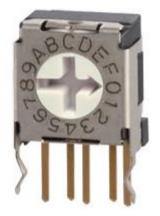
237561



SMT

Through hole reflow (THR)
Through hole (TH)

Right Angle (RA)



Right Angle (RA) Through hole (TH)



Right Angle (RA) SMT



J-Hook SMT

■ FEATURES

- Low profile of 3.0mm
- THR (Through Hole Reflow) version available
- Available with spindle or slotted spindle
- Supply various switch codes, include Gray code, Reel and Complement code
- Gold plated contact area ensures reliable electric continuity for micro current
- Surface mounting type can be supplied in embossed taping for automatic packing
- Pin-out compatible with most of current equivalents
- All plastics are UL 94V-0 grade fire retardant

APPLICATIONS

- Address switching applications
- Data storage devices
- Computer and peripherals
- Instrumentation



■ SPECIFICATIONS

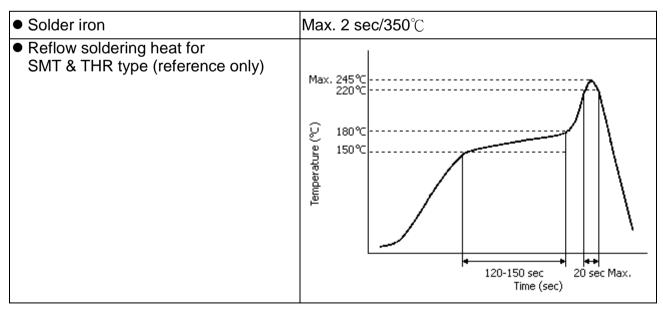
1.ELECTRICAL

Contact rating	Max. switching load	100mA, 5VDC				
	Min. switching load	10μA, 5VDC				
 Contact resistar 	nce (initial)	200mΩ Max.				
Insulation resist	ance	100MΩ Min. at 100VDC				
Dielectric streng	gth	250VAC rms. for 60 seconds				

2.MECHANICAL and ENVIRONMENTAL

Temperature rating	operation	-25°C ~+70°C				
	storage	-25°C ~+85°C				
 Operation force)	510gf-cm Max.				
Operation life		10,000 detents Min.				
Vibration		10Hz-50Hz-10Hz for 6Hrs.				
Solderability		After flux 245°C ±5°C for 5±1 seconds				
Resistance to soldering heat	solder bath	260±5°C for 5±1 seconds				
	solder reflow	Peak temperature 260°C Max.				

3.SOLDERING PROCESS





■ CODE

Real / Complement Code

PIN NO.		POSITIONS														
PIN NO.	0	1	2	3	4	5	6	7	8	9	Α	В	С	D	Е	F
1	\circ		\circ		\bigcirc		\circ		\circ		\circ		\circ		\bigcirc	•
2	0	\circ			\bigcirc	\bigcirc			\circ	\circ			\circ	\bigcirc		
4	0	\bigcirc	\circ	\bigcirc					\bigcirc	\bigcirc	\circ	\bigcirc				
8	\circ		\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc								

●.....Real Code

O.....Complement Code

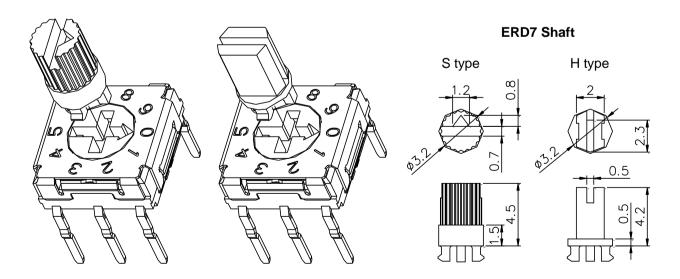
Gray Code

DIN NO		POSITIONS														
PIN NO.	0	1	2	3	4	5	6	7	8	9	Α	В	С	D	Е	F
1							•									
2					•											
4					•		•									
8																

.....Gray Code

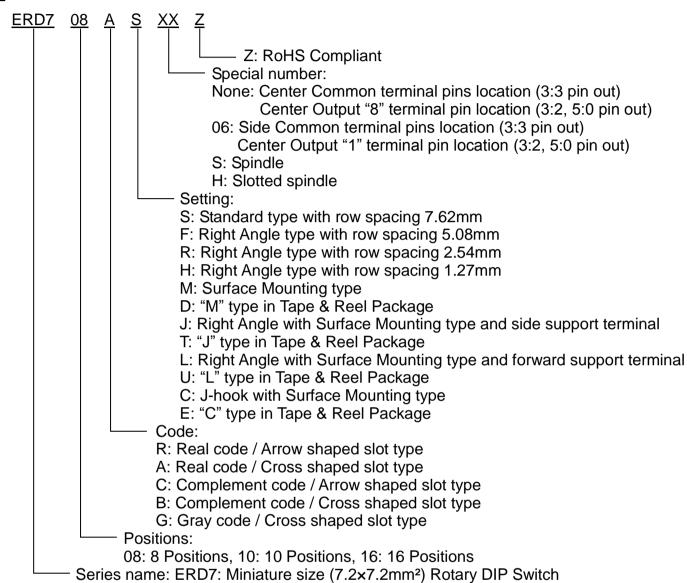
OPTIONS

- 1. Special marking available
- 2. Shaft available (for cross shaped slot type only)

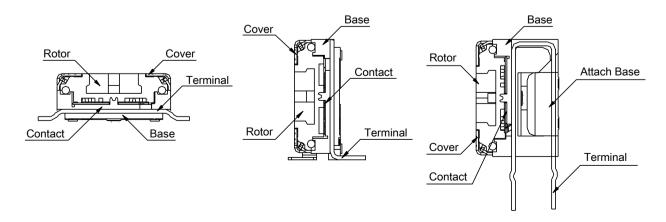




PART NUMBERING SYSTEM



■ CONSTRUCTION

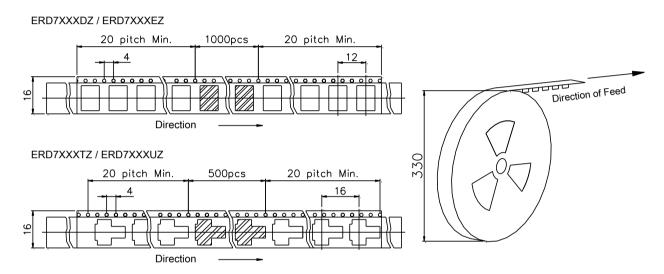




PACKING

1.PACKING METHOD

Package Type	Number of pcs. Per IC Tube	Number of pcs. Per Reel
Top Adjust Type	70	1000
Side Adjust Type	70	500



■ QUICK SELECTION GUIDE

SIZE	POSITIONS	CODE	SETTING PIN OU		SHAPE OF TERMINAL	PART NUMBER
		REAL COMPLEMENT GRAY	TOP SETTING	3:3	STANDARD	ERD7XXXSZ
					SMT	ERD7XXXMZ
					SMT IN T&R	ERD7XXXDZ
	8,10,16				J-HOOK WITH SMT	ERD7XXXCZ
					J-HOOK WITH SMT IN T&R	ERD7XXXEZ
7×7				3:3	RIGHT ANGLE	ERD7XXXRZ ERD7XXXFZ
			CIDE	3:2	RIGHT ANGLE	ERD7XXXHZ
			SIDE SETTING		RIGHT ANGLE WITH SMT	ERD7XXXJZ ERD7XXXLZ
				5:0	RIGHT ANGLE WITH SMT IN T&R	ERD7XXXTZ ERD7XXXUZ



DIMENSIONS AND CIRCUITRY

