WELL BU		DUSTRIA L SHEET	LCO.,LTD							
DESCRIPTION: PUSH BUTTON POWER SWITCH										
PART NO: PT-0520H-17										
CUSTOMER: 玖新	CUSTOMER: 玖新 CUSTOMER'S									
CUSTOMER SIGNATU	JRE	COMMENTS								
WB	APPROVAL	REVIEW	PREPARE							
ISSUED R&D DEPT 03OCT 2012	Kaven	Alan	Gina							

			3D FILE NAME	01	VER.	JASON	DESIGN	ENGINEERING CHANGE DESCRIPTION	ENGINEERING	DESIGN	APPROVAL	DATE	Γ
rial Co.,Ltd.		PT-0520H-17	2D FILE NAME	⊕ ⊈	VIEW	TEREANCE	CONFIRM						₽
1 Buying	VX/D Well Buying	PT-0520H-17	PART	1:1	SCALE	KAVEN	APPROVAL						
		PUSH BUTTON POWER SWITCH	MODE	mm	UNIT	2011/12/08	DATE						ß
H TYPE	FRAME TYPE												
20mm	PITCH / 間距	_											
z z z z	KNOB	_											
4.5 4.5 4.5 4.5	TRAVEL / 行程	L								C 	-1	I	
	OPERATING / 動作 R		IL INTER-LOCK			10	6.4		-	-			
W W	TERMINAL TYPE/端子 E	-	ESET	R:R								55	
SP SP SP DP ST ST ST ST	CIRCUIT / 回路 1					~		} <u>_</u> ⊦		<u> </u>			
2 3 4 5	展有 OPTION KEY 1					r		0.5 10	N U U		0.4		
		1							106			+	
	 OPERATING LIFE : 10,000 CYCLES . 7.CRITICAL DIMENSIONS: 'A' ~ 'F' 	6. OPERATING LIFE : 10,000 CYC 7.CRITICAL DIMENSIONS: 'A' ~ 'F'	6. (-			Ú	Inter-	Inter- ©	Inter-	Reset		
റ്	4. OPERATING FORCE : 600 ± 200gf ; 5. OPERATING TEMPERATURE : -20°C ~ 70°C	OPERATING FC	5.4	6.55	3.3				Lock 1= 80	Lock			
0 MΩ MIN .	3. INSULATION RESISTANCE : 500V DC ,500 MΩ MIN	INSULATION RE	<u></u>			17			E		enta	17	
	 RATING : 250 V AC ,8 A . CONTACT RESISTANCE : 100 mΩ MAX . 	 RATING : 250 V AC ,8 A . CONTACT RESISTANCE 	1. 2. (7.8	40-7740					7.6	
						7.5 @49.						<u></u>	
				 	2.5			N ° N ° B°I IWB°I				D24.5	
			21	@ ┿╌┝╶─ ┿╺╈─		₹ 	V.C.	P AC 25 P AC 25 P AC	1250V - AC	/ 250V - AC			
			•										
			1.75		Đ 4.6	WHITE COATING	<u> </u>	14.8			6.4		
±3°	ANGLE												
± 0.8	ABOVE 100 mm												
± 0.5	10~100 mm												
	BELOW 10 mm												
TOI ERANCE	DIMENSION												٦

WELL BUYING INDUSTRIAL CO., LTD. SPECIFICATIONS OF PT SERIES <u>POWER PUSH BUTTON SWITCHES</u>

- 1. POLE POSITION : SPST, SPDT, DPST AND DPDT ARE AVAILABLE.
- 2. RATING: 250V AC 8A

3. OPERATING TEMPERATURE RANGE : -20 \sim 70

4. ELECTRICAL PERFORMANCE.

	ITEM	TEST CONDITIONS	CRITERIA
4-1	CONTACT	DC 1.5V 100mA BY METHOD	100 mΩ MAX.
	RESISTANCE	OF VOLTAGE DROP.	
4-2	INSULATION	DC 500V	500 MΩ MIN.
	RESISTANCE		
4-3	DIELECTRIC	1. AC 1,000V 1 MINUTE	BREAKDOWN IS NOT
	STRENGTH	BETWEEN TERMINALS	ALLOWALE.
		2. AC 4,000V 1 MINUTE	
		BETWEEN TERMINAL AND	
		FRAME	

5. MECHANICAL PERFORMANCE

	ITEM	TEST CONDITIONS	CRITERIA
5-1	OPERATING	1. MOMENTARY TYPE	1. 500±200gf
	FORCE	2. LOCK TYPE	2.600±200gf
5-2	TRAVEL	1. LOCK TRAVEL	1. 3.0±0.3 mm
		2. FULL TRAVEL	2. 4.5±0.3 mm
5-3	ROBUSTNESS	1. Kgf FOR 1 MINUTE	TERMINAL COULD BE
	OF TERMINAL		BENT BUT LOOSENED
			TERMINAL OR BASE
			FRAME BROKEN IS NOT
			ALLOWABLE.
5-4	ROBSTNESS OF	1. ALONG OPERATING	ACTUATOR BROKEN
	ACTUATOR	DIRECTION TO APPLY A	OR ANY UNUSUAL
		STATIC LOAD 10 Kgf AT	APPEARANCE
		END OF ACTUATOR TO	OCCURRED ON SWITCH
		PUSH FOR 15 SECONDS.	ONSTRUCTION IS NOT
			ALLOWABLE.

		2. TO A	APPLY A STATIC LOAD	
		2Kgi	VERTICALLY TO END	
		OF A	CUTATOR TO PUSH IT	
		FOR	15 SECONDS.	
		3. ALO	NG OPPOSITE	
		OPE	RATING DIRECTION TO	
		APP	LY A STATIC LOAD 5	
		Kgf	FO PULL END OF	
		ACT	UATOR FOR 15	
		SEC	ONDS.	
5-5	SOLDERABILITY	260±5	IN 3 SECONDS	SOLDER COVERAGE 75%
				Min.

- 6. RESISTANCE OF SOLDERING HEAT
 6-1 MANUAL SOLDERING : 300±5 IN 3 SECONDS
 6-2 DIP SOLDERING : 260±5 IN 3 SECONDS
- 7. DURABILITY : AFTER 10,000 LIFE CYCLES
 7-1 CONTACT RESISTANCE : 150 mΩ MAX.
 7-2 OPERATING FORCE : WITHIN THE RANGE OF ±30% OF OPERATING FORCE SPECIFICATION.
 7-3 INSULATION RESISTANCE AND DIELECTRIC STRENGTH SHALL MEET THE REQUIREMENTS OF 4-2 AND 4-3.
- 8. ENVIRONMENTAL PERFORMANCE

	ITEM	TEST CONDITIONS		CRITERIA
8-1	COLD	-20 ±2 FOR 48	HOURS	1. IT SHOULD MEET
				REQUIREMENTS OF ITEM 4.
				2. MECHANICAL
				PERFORMANCE SHOULD
				REMAIN TO NORMAL.
8-2	DRY HEAT	70 ±2 FOR 48 H	IOURS	1. CONTACT RESISTANCE
				SHOULD BE LESS THAN
				150 mΩ.
				2. IT SHOULD MEET
				REQUIREMENTS OF 4-2
				AND 4-3.

			3.	MECHANICAL PERFORMANCE SHOULD REMAIN TO NORMAL.
8-3 DAMP H	HEAT 40 ±2 48 HOU	90% ~ 95%RH FOR RS	2.	CONTACT RESISTANCE SHOULD BE LESS THAN 150 mΩ. INSULATION RESISTANCE SHOULD BE HIGHER THAN 100 MΩ. DIELECTRIC SHOULD MEET REQUIREMENTS OF 4-3. MECHANICAL PERFORMANCE SHOULD REMAIN TO NORMAL.

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C. PART NAME QTY MATERIAL SPECIAL DEAL 1 BRACKET 1 STEEL PLATE GALVANIZATION 2 INTERLOCK PLATE 1 STEAL PLATE GALVANIZATION 3 SPRING 1 STAINLESS STEEL GALVANIZATION 4 1ER 1 STAINLESS STEEL FILENAWL-8A 5 PT-S3WL-8A 1 CONSULTATION 1ER FILENAWL-8A 6 PT-S3WL-8A 1 CONSULTATION PT-S3WL-8A FILENAWL-8A 6 T1:1 PART PUSH BUTTON POWER SWITCH FILENAME 6 T1:1 PART PT-0520H-17 FILENAME 7 Image: Application of the Name MATERIALS LIST Image: Application of the Name	Elaine	TEREANCE	KAVEN	2012/09/14							H	0
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LTATION PT-S320H-17 PUSH BUTTON POWER SWITCH PT-0520H-17 MATERIALS LIST	3D FILE	2D FILE	PART	MODE		-	-	-	-	-		
T	NAME	NAME		PU	CONSULTA	CONSULTA	CONSULTA	STAINLESS	STAINLESS	STEEL PL/	MATERIAL	
T		PT-052 MATERIA	PT-052	SH BUTTON	TION PT-S	TION PT-S	TION 1ER	STEEL	STEEL	ΛTE		
		IOH-17	20H-17	POWER SWIT	1WN-8A	3WL-8A				GALVAN	SPECIAL	<u>۲</u>
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