WELL BUYING INDUSTRIALCO.,LTD

APPROVAL SHEET

DESCRIPTION: PUSH BUTTON POWER SWITCH

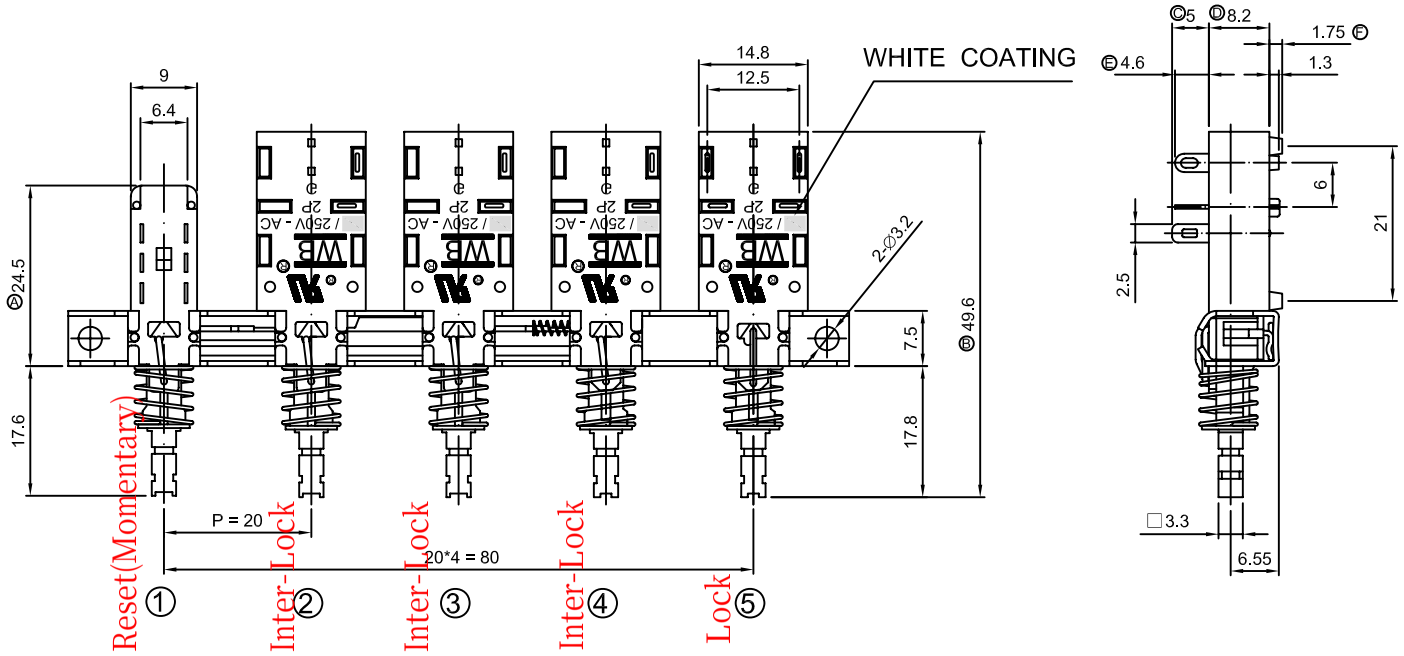
PART NO: PT-0520H-17

CUSTOMER: 玖新	**CUSTOMER'S PART NO:**
CUSTOMER SIGNATURE	**COMMENTS**

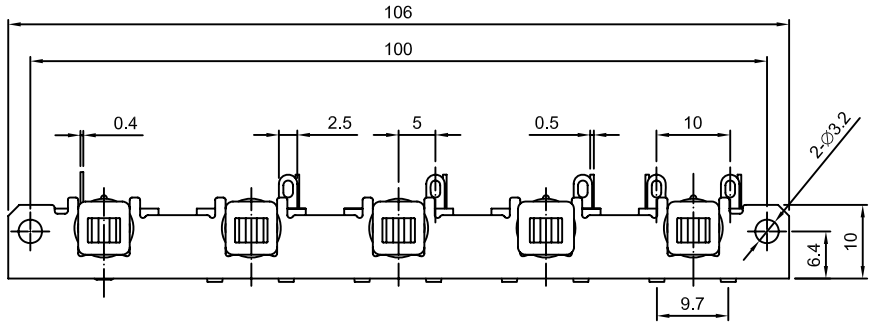
WB
ISSUED
R&D DEPT
03 OCT 2012

APPROVAL	REVIEW	PREPARE
Kaven	Alan	Gina

DIMENSION	TOLERANCE
BELOW 10 mm	± 0.3
10~100 mm	± 0.5
ABOVE 100 mm	± 0.8
ANGLE	± 3°



1. RATING : 250 V AC ,8 A .
2. CONTACT RESISTANCE : 100 mΩ MAX .
3. INSULATION RESISTANCE : 500V DC ,500 MΩ MIN .
4. OPERATING FORCE : 600 ± 200gf ;
5. OPERATING TEMPERATURE : -20°C ~ 70°C .
6. OPERATING LIFE : 10,000 CYCLES .
7. CRITICAL DIMENSIONS: 'A' ~ 'F'



R:RESET
IL:INTER-LOCK
L:LOCK

KEY / 選項 OPTION	1	2	3	4	5
CIRCUIT / 回路	1	SPST	SPST	SPST	DPST
TERMINAL TYPE / 端子	E	W	W	W	W
OPERATING / 動作	R	IL	IL	IL	L
TRAVEL / 行程		4.5	4.5	4.5	4.5
KNOB	N	N	N	N	N
PITCH / 間距	20mm				
FRAME TYPE	H TYPE				

3					DATE	2011/12/08	UNIT	mm	MODE	PUSH BUTTON POWER SWITCH
2					APPROVAL	KAVEN	SCALE	1 : 1	PART	PT-0520H-17
1					CONFIRM	TEREANCE	VIEW		2D FILE NAME	PT-0520H-17
	DATE	APPROVAL	DESIGN	ENGINEERING CHANGE DESCRIPTION	DESIGN	JASON	VER.	01	3D FILE NAME	

WB Well Buying Industrial Co.,Ltd.

WELL BUYING INDUSTRIAL CO., LTD.
SPECIFICATIONS OF PT SERIES
POWER PUSH BUTTON SWITCHES

1. POLE - POSITION：SPST, SPDT, DPST AND DPDT ARE AVAILABLE.

2. RATING：250V AC 8A

3. OPERATING TEMPERATURE RANGE：-20℃ ~ 70℃

4. ELECTRICAL PERFORMANCE.

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

5. MECHANICAL PERFORMANCE

	ITEM	TEST CONDITIONS	CRITERIA
5-1	OPERATING FORCE	1. MOMENTARY TYPE 2. LOCK TYPE	1. 500±200gf 2. 600±200gf
5-2	TRAVEL	1. LOCK TRAVEL 2. FULL TRAVEL	1. 3.0±0.3 mm 2. 4.5±0.3 mm
5-3	ROBUSTNESS OF TERMINAL	1. Kgf FOR 1 MINUTE	TERMINAL COULD BE BENT BUT LOOSENED TERMINAL OR BASE FRAME BROKEN IS NOT ALLOWABLE.
5-4	ROBSTNESS OF ACTUATOR	1. ALONG OPERATING DIRECTION TO APPLY A STATIC LOAD 10 Kgf AT END OF ACTUATOR TO PUSH FOR 15 SECONDS.	ACTUATOR BROKEN OR ANY UNUSUAL APPEARANCE OCCURRED ON SWITCH ONSTRUCTION IS NOT ALLOWABLE.

		2. TO APPLY A STATIC LOAD 2Kgf VERTICALLY TO END OF ACUTATOR TO PUSH IT FOR 15 SECONDS. 3. ALONG OPPOSITE OPERATING DIRECTION TO APPLY A STATIC LOAD 5 Kgf TO PULL END OF ACTUATOR FOR 15 SECONDS.	
5-5	SOLDERABILITY	260±5℃ IN 3 SECONDS	SOLDER COVERAGE 75% Min.

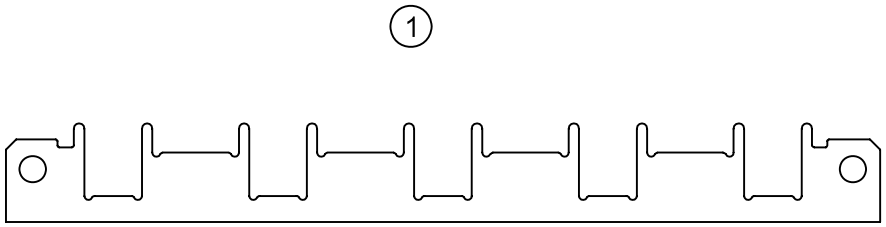
6. RESISTANCE OF SOLDERING HEAT
   6-1 MANUAL SOLDERING：300±5℃ IN 3 SECONDS
   6-2 DIP SOLDERING：260±5℃ IN 3 SECONDS

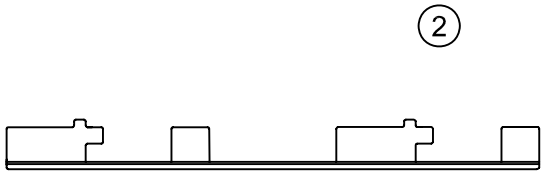
7. DURABILITY：AFTER 10,000 LIFE CYCLES
   7-1 CONTACT RESISTANCE：150 mΩ MAX.
   7-2 OPERATING FORCE：WITHIN THE RANGE OF ±30% OF OPERATING FORCE SPECIFICATION.
   7-3 INSULATION RESISTANCE AND DIELECTRIC STRENGTH SHALL MEET THE REQUIREMENTS OF 4-2 AND 4-3.

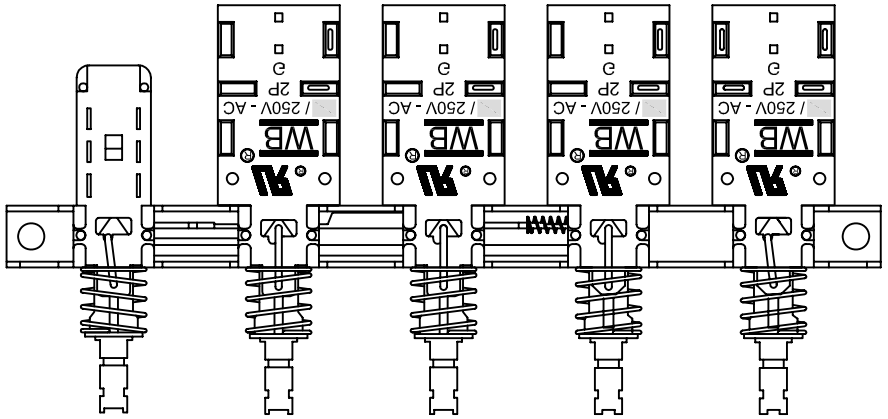
8. ENVIRONMENTAL PERFORMANCE

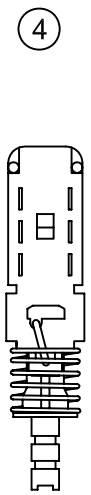
	ITEM	TEST CONDITIONS	CRITERIA
8-1	COLD	-20℃±2℃ FOR 48 HOURS	1. IT SHOULD MEET REQUIREMENTS OF ITEM 4. 2. MECHANICAL PERFORMANCE SHOULD REMAIN TO NORMAL.
8-2	DRY HEAT	70℃±2℃ FOR 48 HOURS	1. CONTACT RESISTANCE SHOULD BE LESS THAN 150 mΩ. 2. IT SHOULD MEET REQUIREMENTS OF 4-2 AND 4-3.

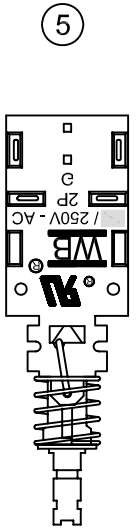
			3. MECHANICAL PERFORMANCE SHOULD REMAIN TO NORMAL.
8-3	DAMP HEAT	40℃±2℃ 90% ~ 95%RH FOR 48 HOURS	1. CONTACT RESISTANCE SHOULD BE LESS THAN 150 mΩ. 2. INSULATION RESISTANCE SHOULD BE HIGHER THAN 100 MΩ. 3. DIELECTRIC SHOULD MEET REQUIREMENTS OF 4-3. 4. MECHANICAL PERFORMANCE SHOULD REMAIN TO NORMAL.

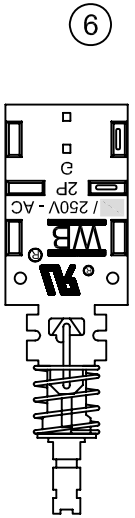












NO.	PART NAME	QTY	MATERIAL	SPECIAL DEAL	RoHS REPORT No.
1	BRACKET	1	STEEL PLATE	GALVANIZATION	CANEC1110252901; KA/2011/70021
2	INTERLOCK PLATE	1	STAINLESS STEEL		CANEC1110032201
3	SPRING	1	STAINLESS STEEL		CANEC1110032201
4	1ER	1	CONSULTATION 1ER		
5	PT-S3WL-8A	1	CONSULTATION PT-S3WL-8A		
6	PT-S1WN-8A	3	CONSULTATION PT-S1WN-8A		

③					DATE	2012/09/14	UNIT	mm	MODE	PUSH BUTTON POWER SWITCH	WB Well Buying Industrial Co.,Ltd.
②					APPROVAL	KAVEN	SCALE	1 : 1	PART	PT-0520H-17	
①					CONFIRM	TEREANCE	VIEW		2D FILE NAME	PT-0520H-17 MATERIALS LIST	
	DATE	APPROVAL	DESIGN	ENGINEERING CHANGE DESCRIPTION	DESIGN	Elaine	VER.	01	3D FILE NAME		