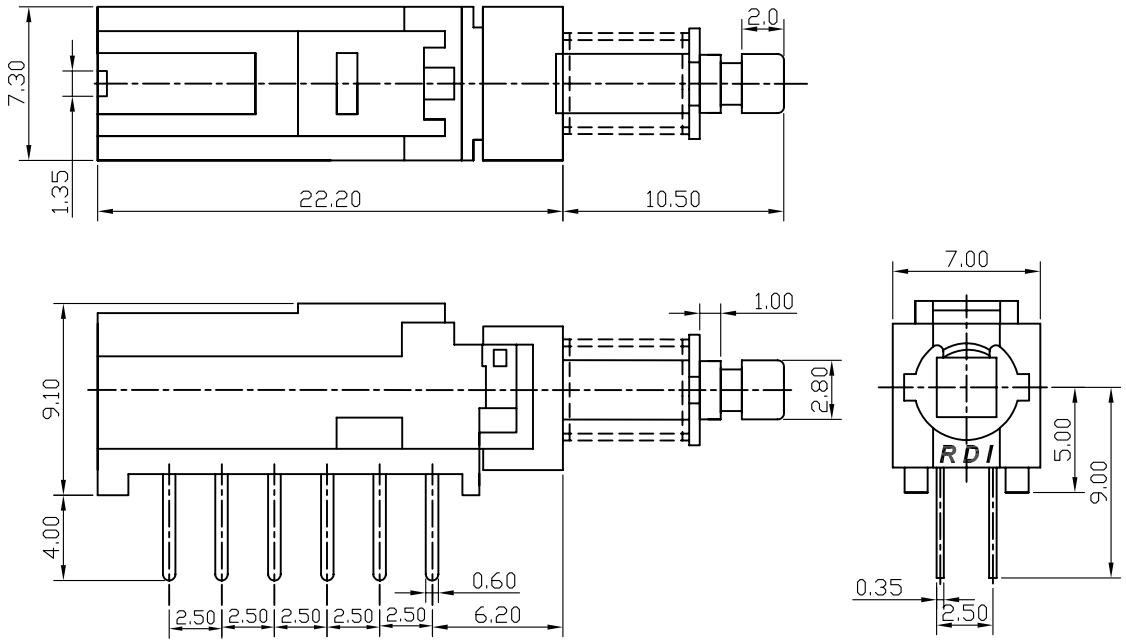
DWG. NO. SW-1295-A REV. "C"

PART NO. JFPB-41SA-N-94-NL

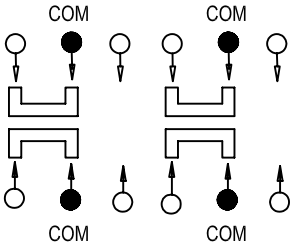


1. FUNCTIONAL SPEC.	
1.1 RATED VOLTAGE	DC30V
1.2 RATED CURRENT	0.1A
1.3 CONTACT RESISTANCE	≤50mOHM(INITIAL VALUE)
1.4 OPERATING FORCE	280±50gf
1.5 POSITION TRAVEL	2.0±0.2mm
2. RELIABLE RATING	
2.1 MECHANICAL LIFE	30000 CYCLES
2.2 ELECTRICAL LIFE	10000 CYCLES
2.3 INSULATION RESISTANCE	≥100MOHM DC250V(INITIAL VALUE)
2.4 WITHSTAND VOLTAGE	AC250V 1 MINUTE(INITIAL VALUE)
2.5 SOLDERING TEMPER.	245±5℃ 3 SEC.
2.6 AMBIENT TEMPER. USED	-20℃ ~ +70℃
2.7 AMBIENT HUMIDITY USED	< 85%RH

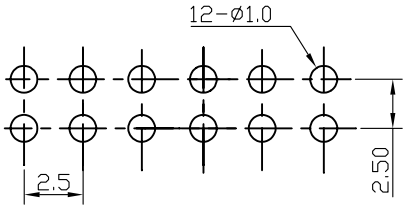
MATERIAL LIST

PART NAME	MATERIAL	SGS Report No.
CASE	POM	GZ06081212645/CHEM
BASE	PA66+GF15%	GZ0605070265/CHEM
TERMINAL	C2680	GZ0601000447/CHEN
CLIP	SUS304	GZ0603039055/CHEM
SPRING		
FIXED ROD		
CLIP	C5210	GZ0605078732/CHEM
OUCH	SPCC	GZSCR051186928/LP
CRUST	PBT+GF30%	GZ0601001875/CHEM
SLEEVE	POM	GZ0608121264/CHEM
CLAP		

SCHEMATIC



P.C.B HOLE DETAIL



NOTE: ALL DIMS ARE IN mm

ECN#	DATE	SYM	REVISION RECORD	AUTH	BY
06-589	9/05/06	C	CHANGED THE PRINT: SEE VOID COPY	VC	JY
05-334	7/18/05	B	CHANGED THE PRINT: SEE VOID COPY	VC	JY
03-365	5/30/03	A	ADDED MATERIAL LISTING PBT(A,B,C) PARTS UL94V-0	BM	JY

PROJECTION

SCALE N/A

TOLERANCE EXCEPT AS NOTED

DEC. MILLIMETERS ±0.2

DEC. MILLIMETERS N/A

ANG. ±3°C

RDI Research Develop Innovate

RDI, Inc. 400 Columbus Avenue Valhalla, NY 10595

TITLE PD SERIES PUSH BUTTON SWITCH-RoHS COMPLIANT

DR.	DATE	REF.
JIN	07/18/05	P/N: JFPB-41SA-N-94-NL

CK.	PRE-	DRAWING NO.	SIZE	REV.
JY	SW	1295	A	C

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