

DWG. NO. JK-3193-F REV. "H"

PART NO.: RH1018XXXGNL

1. MATERIAL CHART

	REMARK	FINISHED	MATERIAL	QTY.	NAME	NO.
€		BLACK	PBT	1	HOUSING	3
		SEE COLOR CHART PAGE #2	PBT	4	INSERTS	1
	t=0.4	CuSn	BRASS(H62)	2	PIN1	51
	t=0.4	CuSn	BRASS(H62)	2	PIN2	6
→	t=0.4	Au	BRASS(H65)	2	BARREL	4
		BLACK	PA	2	COVER	2



2. RATED LOAD

2.1 RATED VOLTAGE: 12V(DC)

2.2 RATED CURRENT: 1A

3. ELECTRICAL PROPERTIES

ယ ယ	3.2	3.1	No.
WITHSTAND VOLTAGE (LEAK CURRENT ≲1mA)	INSULATION RESISTANCE	CONTACT RESISTANCE	ITEM
AC500V, 50Hz SHALL BE APPLIED BETWEEN THE CONDUCTORS, WHICH INSULATE FROM EACH OTHER FOR 5 MINUTE, WHEN THE PLUG IS INSERTED INTO SOCKET, AND WHEN THE PLUG IS INSERTED INTO SOCKET, AND WHEN THE PLUG ISN'T INSERTED INTO SOCKET	500V DC SHALL BE APPLIED BETWEEN THE CONDUCTORS, WHICH INSULATE FROM EACH OTHER FOR ONE MINUTE, WHEN THE PLUG IS INSERTED INTO SOCKET, AND WHEN THE PLUG IS INSERTED INTO SOCKET, AND WHEN THE PLUG ISN'T INSERTED INTO SOCKET	THE MEASUREMENT SHALL BE MADE AT BETWEEN ANY OF TWO SRTIPS, WHICH CONTACT EACH OTHER AND BETWEEN THE CONTACTED PARTS OF PLUG AND SOCKET	TEST CONDITIONS
THERE SHALL NOT BE BREAKDOWN OR ARCING	≥100MOhm	≪30mOhm	SPECIFICATION

4. ORDER LABEL:

P/N: <u>RH1018</u> XXX G NL (1) (2) (3) (4)

(1). SERIES No.
(2). COLOR GUIDE
(3). GOLD PLATING:G=GOLD BARREL
(4). RoHS COMPLIANT "NL"

5. NOTES:

(1) PLASTIC COMPONENTS: 94V-0

SECOND (2) WAVE SOLDERING TEMP.: 260± 5°C FOR 5± 1

6. COLOR GUIDE:

R=RED U=BLUE	G=GREEN W=WHITE	Y=YELLOV O=ORANGE	COLOR	MODEL N	N=RED U=BLUE	G=GREEN W=WHITE	Y=YELLOW D=DRANGE	COLOR	MODEL N
D	С	В	⊅	No.	D	С	В	⊅	No.
~	70	~	<	090	70	70	<	<	010
70	7D	~	~	100	В	В	В	В	020
<	70	<	7D	110	ZD	70	В	В	030
<	~	<	~	120	×	<	70	70	040
~	~	~	~	130	Y	<	В	~	050
70	⊂	G	Y	140				_	060
В	70	В	<	150	V	7D	В	~	070
70	<	R	×	160	R	Y	<	70	080





PROJECTION

Research Develop Innovate

RDI, Inc. 333 North Bedford Road, Suite 135, Mount Kisco, NY 10549

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RDI, AND A	AGREES NO	-1	SIZE	12/2/2	NO.XX	LIANI		
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08-172 05/08/08 08-376 10/21/08 09-023 03/04/09 09-145 05/19/09 14-025 03/25/14

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14-100 09/05/14 H

CHANGE THE COLOR OF HOUSING FROM WHITE TO BALCK

TO CHANGE THE SIZE OF THE PRODUCT

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ADDED COLOR OPTION "160"

THE DIMENSION 1.25mm WAS 1.5mm

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08-147 04/15/08

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ADDED COLOR NUMBER "140"

REVISION RECORD

ADDED COLOR NUMBER "150" ADDED SPEC AS PAGE 2

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7. MECHANICAL PROPERTIES

7.3	7.2	7.1	No.
MECHANICAL LIFE	TERMINAL STRENGTH	INSERTION AND EXTRACTION FORCE	ITEM
INSERTED AND EXTRACTED FOR 5,000 CYCLES AT THE SPEED OF 20~30 CYCLES PER MINUTE BY SPECIAL LIFE TEST DEVICE OR MANUAL OPERATION ACCORDING TO GB5095.5-86 TEST 9a	A STATIC LOAD OF 0.5Kg SHALL BE APPLIED TO THE TERMINAL FOR ONE MINUTE IN ANY DIRECTIONS	THE INSERTION AND EXTRACTION FORCE SHALL BE MEASURED WITH THE GAUGE PLUG	TEST CONDITIONS
CONTACT RESISTANCE \$60mOHM WITHSTANDING VOLTAGE AND INSULATION SHALL BE AVAILABLE	NO BREAKDOWN, LOOSING AND DEFORMING,ETC. MECHANICAL AND ELECTRICAL PROPERTIES SHALL BE AVAILABLE	5~30N	SPECIFICATION

8. MECHANICAL PROPERTIES

8.2		N _o
HUMIDITY WITHSTANDING	COLD HEAT WITHSTANDING	ITEM
RELATIVE HUMIDITY: 95± 3% TEST TEMPERATURE: 40°C LAST FOR 2 DAYS, THE SAMPLE SHALL BE TAKEN OUT FOR ELECTRICAL PROPERTY MEASUREMENT WITHIN 5 MINUTES. MEASURE AFTER ONE HOUR RECOVERY IN STANDARD ATMOSPHERIC CONDITIONS	70°C TIme(H)	TEST CONDITIONS
DIMENSIONS SHALL MEET THE REQUIREMENT, MECHANICAL AND ELECTRICAL PROPERTIES SHALL BE AVAILABLE	DIMENSIONS SHALL MEET THE REQUIREMENT, MECHANICAL AND ELECTRICAL PROPERTIES SHALL BE AVAILABLE	SPECIFICATION

8.	8.	<u>ထ</u>
5	.4	ယ
VIBRATION	VIBRATION	SALT SPRAY
WITHSTANDING	WITHSTANDING	TEST
SAMPLE DROPS FROM THE SPECIFIED HEIGHT(50mm, 500mm, 750mm, 1000mm) IN 3 INTERSECTION AXIS, ONE SHOCK EACH DIRECTION	FREQUENCY: 10~55Hz DISPLACEMENT AMPLITUDE: 0.35mm ACCELERATION AMPLITUDE: 50.0m/s CYCLE INDEX OF SWEEP FREQUENCY: 30 CYCLES	ACCORDING TO GB2423.17 TEST KA TEMPERATURE: 35± 2°C THE DENSITY OF NACL SOLUTION IS 5± 0.1%(WEIGHT) SPRAY SALT FOG FOR 48 HOURS CONTINUOUSLY
MECHANICAL AND ELECTRICAL PROPERTIES SHALL BE AVAILABLE	MECHANICAL AND ELECTRICAL PROPERTIES SHALL BE AVAILABLE	THERE SHALL NOT BE SERIOUS CORROSION ON THE SURFACE OF METAL

BC Ion GM JY TOLERANCE BILL JY EXCEPT AS NOTED BILL JY BILL JY BILL JY BILL JY DEC. INCHES BILL JY BILL JY BILL JY BILL JY DEC. INCHES BILL JY BILL JY									웃			
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Research Develop Innovate RDI, Inc. 333 North Bedford Road, Suite 135, Mount Kisco, NY 10549 TITLE JACK—ROHS COMPLIANT DR. JY 05/06/07 REF. P/N: RH1018XXXGNL 3 DF 81 CK. BILL JK PRE- DRAVING NO. SIZE REV. BILL JK ROCUMENT IS DIVIGED BY, AND THE INFORMATION CONTAINED IN IT IS REPRESEDED THE HOLDER AGREES NOT TO USE THE INFORMATION AND NOT TO DISCUSS IT OBNING THE PRODUCES. THIS DOCUMENT AND THE INFORMATION CONTAINED IN IT IS REPRIDUCE THE OBNING THE PRODUCES. THIS DOCUMENT TO DISCUSS IT TO MANY THIRD PARTY, NOR REPRIDUCE THE LOSEN TO THE PRODUCES. THIS DOCUMENT TO DISCUSS IT TO MANY THIRD PARTY, NOR REPRIDUCE THE PRODUCES. THIS DOCUMENT TO DISCUSS IT TO MANY THIRD PARTY, NOR REPRIDUCE THE PRODUCES.	ANG. N/A	N/A	N/A		TED		SCAL F	1			PROJECTION	
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