

GLAN ELECTRONICS CO., LTD.

深圳市国兰电子科技有限公司

Aluminum Electrolytic Capacitors

承 認 書

APPROVAL SHEET

客 戶 Customer : IBS TECHNOLOGY

系 列 Series : RM 105°C

編 號 NO.: 20200615100

日 期 Date: 2020/06/15

承認 APPROVED BY

簽認後,請寄回一份,謝謝!

Please return us one copy your signed specification after you approved of it, thanks!!

核 准 APPROVED BY	審 核 CHECKED BY	經 辦 DESIGNED BY
罗仕南	杨春波	段艳

深圳市国兰电子科技有限公司

深圳市宝安区福永镇新和社区福园一路华发工业园 A4 栋

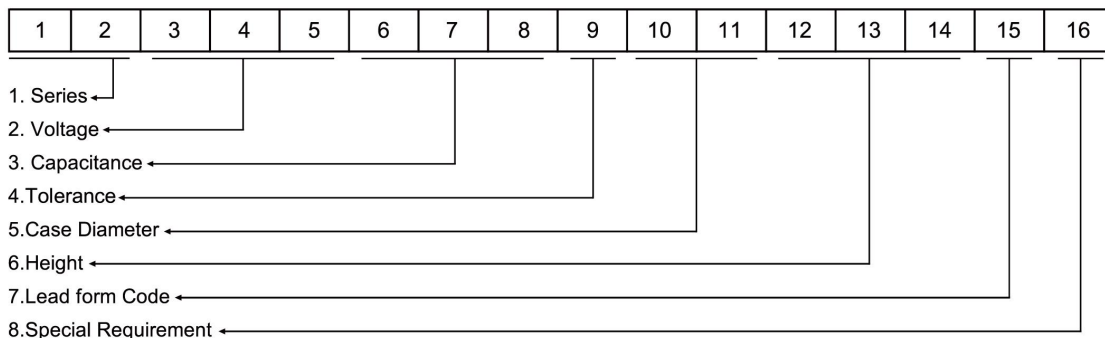
TEL: 0755-22307543

ALUMINUM ELECTROLYTIC CAPACITORS**GLAN****RM規格承認明細**

序號	客戶料號	國蘭料號	系列	規格	備注
1	/	RM400150M10017R0	RM	RM 105°C 15UF400V 10X17	
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					

GLAN ELECTRONICS CO.,LTD

PART NUMBER SYSTEM



1. Series

RH	RM	AR	PR	NS	NU	NH	NP	NL	PF	PD	PL	SW	SL	SP	SJ	ZL	ZS
RH	RM	AR	PR	NS	NU	NH	NP	NL	PF	PD	PL	SW	SL	SP	SJ	ZL	ZS

LE	LF	RJ	RQ	RG	RZ	HX	PX	SD	SK	SH	SQ
LE	LF	RJ	RQ	RG	RZ	HX	PX	SD	SK	SH	SQ

2. Voltage

Voltage(W.V)	6.3	10	16	25	35	50	63	80	100	120	160	200	220	250	300	330	350	360	400	450	500
Code	6R3	010	016	025	035	050	063	080	100	120	160	200	220	250	300	330	350	360	400	450	500

3. Capacitance

Capacitance(uF)	0.1	0.47	1	3.3	10	100	1000	120	1200	2200	3000	3300	25000
Code	0R1	R47	010	3R3	100	101	102	121	122	222	303	332	253

4. Capacitance Tolerance

Tolerance %	±20%	±10%	±5%	-10%~+20%	-15%~+20%	-5%~+10%	-5%~+15%	0~+10%
Code	M	K	H	V	P	F	W	O

5. Case Diameter

Diameter(mm)	8	10	12	16	18	20	22	25	30	35	40	42	51	64	77	89	100
Code	08	10	12	16	18	20	22	25	30	35	40	42	51	64	77	89	00

6. Height

Height (mm)	5	7	15	30	50	70	80	82	98	105	189	230
Code	005	007	015	030	050	070	080	82	98	105	189	230

7. Lead Form Code

Lead Form Type	Radial	Snap-in	Lug Mount	Screw Mount
Code	R	N	L	S

8 Special Requirement

Special	Need	No Need
Code	1	0

GLAN 400v Radial Type 105°C

Model: 400V 15uF 10×17

Part No.: RM400150M10017R0

Features:

- 1. Used in communication equipment, switching power supply.etc.
- 2. Safety vent construction design
- 3. 2000hrs@105°C
- 4. ROHS Compliant

Specification:

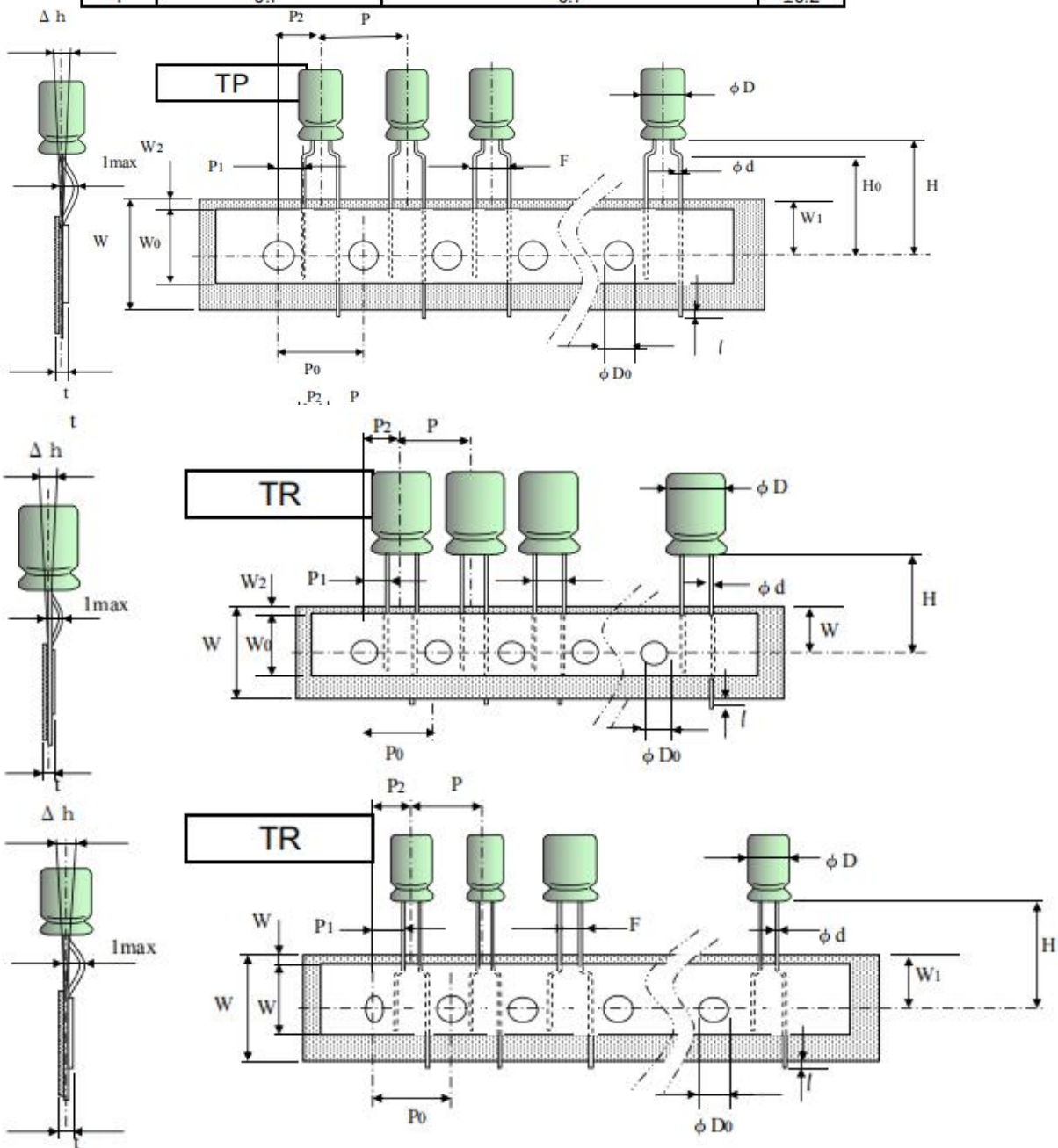
Φ Diameter (D Φ)	10mm
Length (L)	17 mm
Pin (d Φ)	0.6mm
Pin Distance (P)	5mm or as required

Nominal Capacitance	Capacitance Tolerance	Size D*L	Rated Voltage (VDC)	Ripple Current(105°C)120Hz/mA
15uF	±20%	10×17mm	400V	110

Aluminum Electrolytic Capacitors

■ SPECIFICATIONS (CODE TP)

SYMBOL	TP			TR	TR	TR	TR/TP	TR/TP	Tolerance	
	Φ5X11	Φ6.3X11	Φ8X11.5	Φ5	Φ6.3	Φ8	Φ10	Φ13		
Φd	0.50			0.50			0.6		±0.05	
P	12.70			12.7						±1.0
P0	12.70			12.7						±0.2
P1	3.85			5.1			4.85		±0.5	
P2	6.35									±1.0
F	5.0			2.5		3.5		5.0		+0.8, -0.2
W	18.0			18.0						±0.5
W0	5.0			5.0						Min
W1	9.0			9.0						±0.5
W2	0-1.5			0-1.5						
H	18.5		20		18.5			19.0		±0.75
H0	16.0									±0.5
l	1.0			1.0						Max
ΦD0	4.0			4						±0.2
Δh	0			0						±1.0
T	0.7			0.7						±0.2



Item	Performance Characteristics
Operating Temperature Range	-25 ~+105°C
Rate Working Voltage	400V
Nominal Capacitance	15uF
Capacitance Tolerance	±20% (120Hz,+20°C)
Leakage Current	$I \leq 0.03CV(\mu A)$ After 1minutes with rated working voltage applied.
DissipationFactor Tanδ (120Hz, 20°C)	0.08
Load Life	Test Condition : Duration Time :2000Hrs Ambient Temperature:+105°C Applied voltage :Rated DC working voltage After test Requirement at +20°C Capacitance Change :Within ±20% of initial measured value Tanδ: ≤200% of initial Specified Value Leakage Current: ≤The initial Specified Value
Shelf Life	Test Condition: Duration time :1000Hrs Ambient temperature:+105°C Applied voltage: None After test requirement at +20°C :same limits as load life Pre-treatment for measurements shall be conducted after application of DC working voltage for 30minutes .

Appearance

Unless customers' special need, the below info should be marked clearly on caps' body.

- 1) Brand: GLAN
- 2) Rated Voltage: 400V (e.g.)
- 3) Nominal Capacitance: 15uf (e.g.)
- 4) Polarity “-“mark on the Negative Sleeve Side .Pin with grid dots is Negative .