

REVISION RECORD

REV	ECN	DESCRIPTION	DRFT	DATE
△	18-0032	Design modify	CSL	2018.01.18

NOTES1:

- UL Standard
- 1.Rated voltage/current : 600V / 60A
 - 2.Torque value : M4 , 10.53Lb.in
 - 3.Wire range : 20~6AWG

IEC Standard

- 1.Rated voltage/current : 1000V / 76A
- 2.Torque value : M4 , 1.2N·m
- 3.Wire range : 0.5~16mm²

NOTES2:

- 1.Dimension shall be interpreted per ASME Y14.5-2009
- 2.Pitch : 10.16mm, Poles : N=02~xxP
- 3.Stripping length : 13~14mm
- 4.Withstanding voltage : AC3500V/1Min
- 5.Operating temperature: -40°C~+105°C
- 6.Undimensioned tolerances:

Pitch range in mm		Nominal dimension range in mm				Tolerance		
Over 5 TO 6	Over 10 TO 24	Over 30 TO 60	Over 60 TO 100	Over 100 TO 150	0.1/10	±	∇	
±0.15	±0.20	±0.30	±0.30	±0.50	±0.70	±1.00	±1.30	±2°

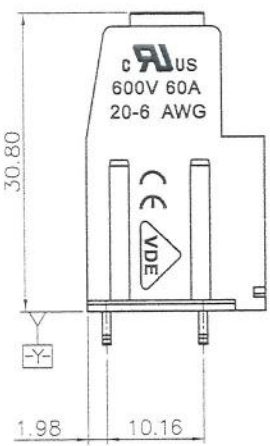
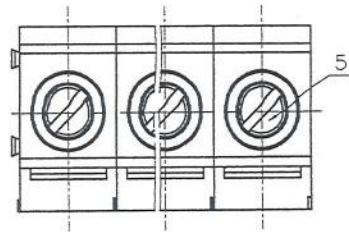
7.RoHS Compliance

DG138T - 10.16 - XXP - 1Y - 10A (H)

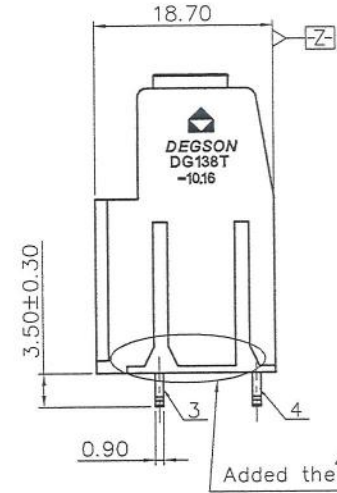
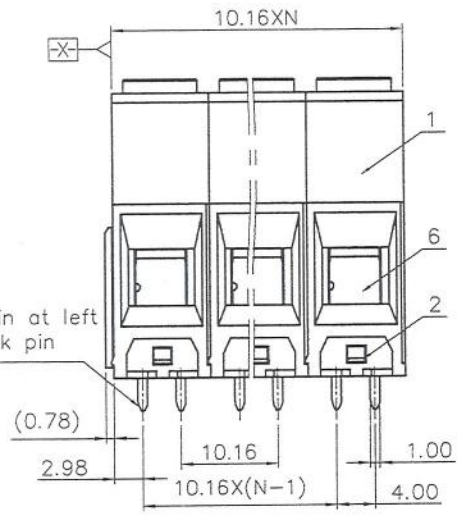
(Series No.)(Pitch) (Poles)(Single Pitch) (Color)

(RoHS) 文管中心
Customer Request
2018.02

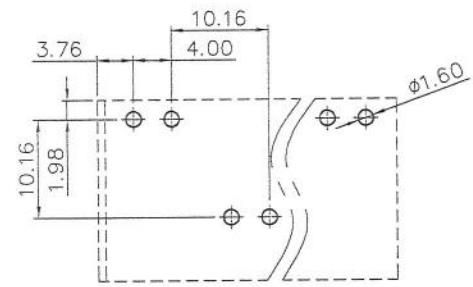
- 1.(Grey)
- 2.(Blue)
- 3.(Black)
- 4.(Green)
- 5.(Orange)
- 6.(Red)
- 7.(Transparent)
- 8.(Yellow)
- 9.(White)



The first pin at left side is back pin



Added the chamferings



PCB LAYOUT

ITEM	NAME OF PART	MATERIAL	NOTES
6	Cage	Copper alloy	M4/Ni Plated
5	Screw	Copper alloy	M4/Ni Plated
4	Pin1	Copper alloy	Sn Plated
3	Pin2	Copper alloy	Sn Plated
2	Cover	PA66	UL94V-0
1	Housing	PA66	UL94V-0

APPD: *Aaron 2018.1.30* NAME: DG138T-10.16-XXP-1Y-10A(H)

CHKD: *Xin 2018.1.29*

DRFT: Jay.z 2016.07.27

TITLE: CUSTOMER DRAWING REV: T1

DRAWING NO.: DG138T-10.16-C08 SHEET: 1/1

MM (INCH) DO NOT SCALE DRAWING SCALE: 1:1



THIRD ANGLE PROJECTION