

REVISION RECORD				
REV	ECN	DESCRIPTION	DRFT	DATE

NOTES1:  
 UL Standard  
 1. Rated Voltage/Current : 300V / 8A  
 2. Withstanding Voltage : AC1600V/1Min.  
 3. Wire Range : 28~16AWG

IEC Standard

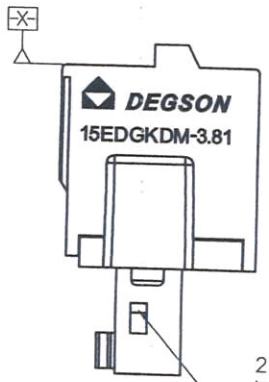
1. Pollution Degree	3
Overvoltage Category	II
Rate Impulse Voltage(KV)	2.5KV
Rate Voltage(V)	250V
Rate Current(A)	12A

2. Wire Range : 0.2~1.5mm<sup>2</sup>

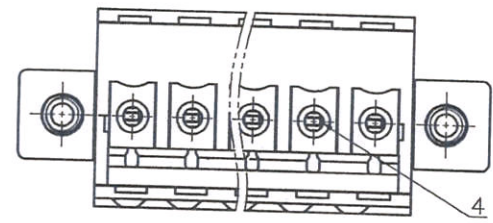
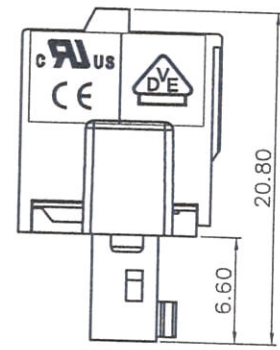
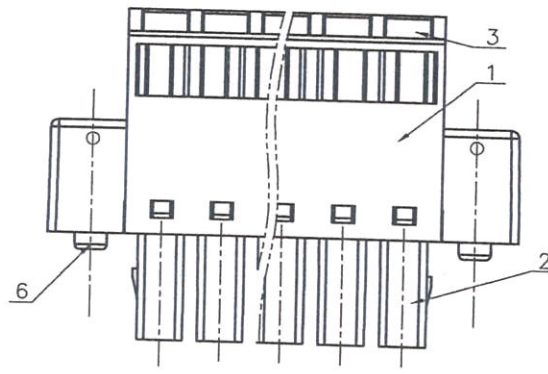
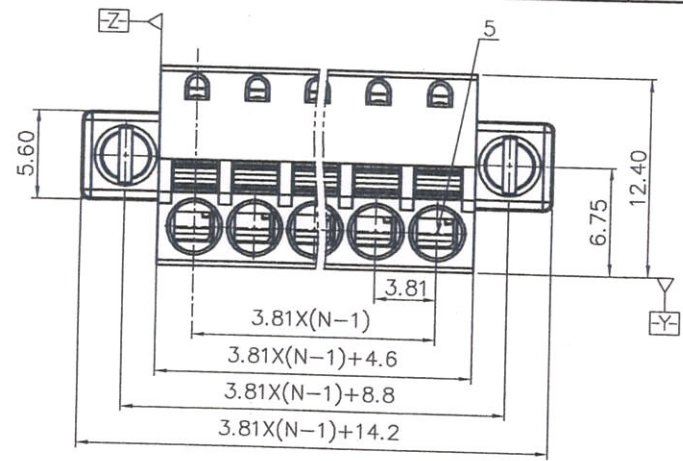
NOTES2:  
 1. Dimension shall be interpreted per ASME Y14.5-2009  
 2. Pitch : 3.81mm, Poles : N=2-20P  
 3. Stripping length : 9mm  
 4. Operating temperature: -40°C~+105°C  
 5. Undimensioned Tolerances:

Pitch Range In mm		Nominal Dimension Range In mm						0.1/10
TO	Over	TO	Over	TO	Over	TO	Over	
6	10	6	10	30	60	100	150	<
±0.15	±0.20	±0.30	±0.30	±0.50	±0.70	±1.00	±1.30	±2'

6. RoHS Compliance



2-6P: there is hook point  
 7-20P: there is no hook point



15EDGKDM - 3.81 - XXP - 1Y - 00A (H)  
 (Series No.) (Pitch) (Poles) (Single Pitch) (Color): 1. (Grey) 2. (Blue) 3. (Black) 4. (Green) 5. (Orange) 6. (Red) 7. (Transparent) 8. (Yellow) 9. (White)

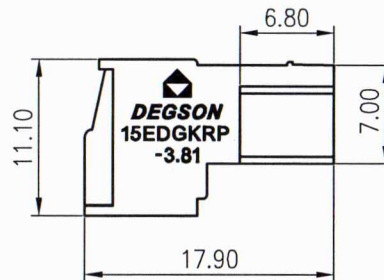
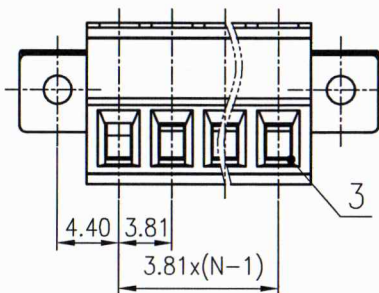
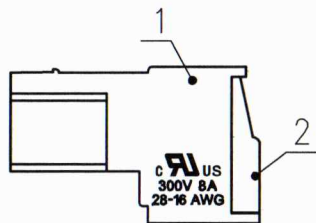
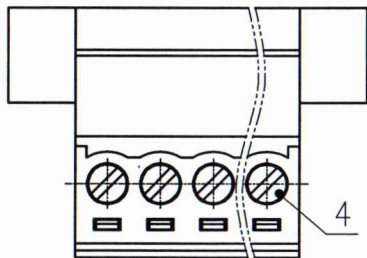
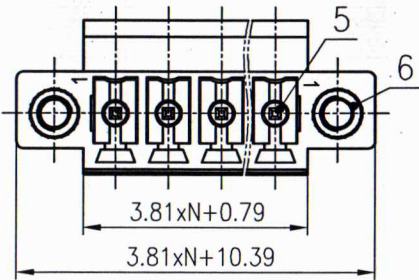
ITEM	NAME OF PART	MATERIAL	NOTES
6	Screw	Steel	Zn plated
5	Spring	Stainless steel	
4	Clamp	Copper alloy	Sn plated
3	Button	POM	UL94HB
2	Cover	PA66	UL94V-0
1	Housing	PA66	UL94V-0

PART NO.:	1
APPD:	Dixon 10/25/16
CHKD:	Frank 10/25-16"
DRFT:	HS 10/21/16"
TITLE:	
THIRD ANGLE PROJECTION	

DE 勝特力電材超市-龍山店 886-3-5773766  
 勝特力電材超市-光復店 886-3-5729570  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
<http://www.100y.com.tw>

DRAWING NO.	15EDGKDM-3.81-C01	SHEET	1/1
DO NOT SCALE DRAWING	SCALE	1:1	

未注公差/General tolerances(mm)											0.1/10 ±7		
0 ~ 3	>3 ~ 6	>6 ~ 10	>10 ~ 18	>18 ~ 30	>30 ~ 50	>50 ~ 80	>80 ~ 120	>120 ~ 180	>180 ~ 250	>250 ~ 315		>315 ~ 400	>400 ~ 500
±0.12	±0.18	±0.22	±0.26	±0.31	±0.37	±0.57	±0.80	±0.93	±1.05	±1.15	±1.60	±2.20	±2.50



文管中心  
研发专用  
2020.05.30  
(仅限内部使用, 对外无效)

ITEM	NAME OF PART	MATERIAL	NOTES
6	Screw cap	Copper Alloy	M2.5
5	Pin	Copper	Sn Plated
4	Screw	Steel	M2/Zn Plated
3	Cage	Copper Alloy	M2/Ni Plated
2	Cover	PA66	UL94V-0
1	Housing	PA66	UL94V-0

UL 标准/UL Standard:	B	C	D
额定电压/电流/Rated Voltage(V)/Current(A)	300/8	/	/
EC 标准/IEC Standard:			
过压类别/Overvoltage Category/污染等级/Pollution Degree	II/2		
额定电压/电流/Rated Voltage(V)/Current(A)	250/7		
额定脉冲电压(KV)/Rate Impulse Voltage(KV)	2.5		
螺丝扭矩/Torque Tightening(N·m/Lb.in)	M2, 0.2/1.77		
线径范围(硬线和软线)/Wire Range(rigid and flexible)(mm <sup>2</sup> /AWG)	1.5/28~16		
间距/Pitch(mm)/线数范围/Poles	3.81/N=02~16P		
剥线长度/Stripping length(mm)	6~7		
使用温度范围/Operating temperature(°C)	-40~+105		
符合RoHS环保要求/Conform to RoHS	Yes		

MATERIAL:	/
MAT NO.:	/
STATUS:	/
APPD: LanChH 2020.05.30	NAME: 15E
CHKD: YuJZh 2020.05.30	DRAWING
DRFT: BaYH 2020.05.30	

勝特力電材超市-龍山店 886-3-5773766  
 勝特力電材超市-光復店 886-3-5729570  
 勝特力電子(上海) 86-21-34970699  
 勝特力電子(深圳) 86-755-83298787  
<http://www.100y.com.tw>