



- NOTES:
- ELECTRICAL CHARACTERISTICS:
 - 1-1 CURRENT RATING: 20 AMPS.
 - 1-2 CONTACT RESISTANCE: 30 mOhm Max.
 - 1-3 INSULATION RESISTANCE: 100 MOhm Min. at 500VDC.
 - 1-4 BREAKDOWN VOLTAGE: 1000 VAC PER MINUTE.
 - MECHANICAL CHARACTERISTICS:
 - 2-1 TIGHTENING TORQUES: 0.8~1.0Nm(7.08~8.85lbf.in.)
 - 2-2 MECHANICAL CHARACTERISTICS: CONTACT ACCOMMODATION: 14~16 AWG.
 - ENVIRONMENTAL:
 - 3-1 OPERATING TEMPERATURE: -40°C TO +105°C.
 - 3-2 SEALING REQUIREMENTS: IP67.
 - LIFE TEST: 1,000 CYCLES MIN.
 - OTHER GENERAL SPEC. TO REFER "CIRCULAR SERIES GENERAL SPEC."
 - FOR TECHNICAL DATA REFER TO YOUR LOCAL SINGATRON ELECTRONICS SALES OFFICE.
 - ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **GREEN PASS**.

PIN ASSIGNMENTS
FRONT VIEW

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO.:S131125-8A		Shown	2014.05.09

E	LIQUID GLUE	1	N/A	BLACK
D	NUT	1	PA66+GF	BLACK
C	GASKET	1	EPDM	BLACK
B	MALE PIN	3	BRASS	1~3u" GOLD PLATING OVER NICKEL PLATING
A	BODY	1	PA66+GF	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
Singatron Enterprise Co., Ltd. 信登企業股份有限公司 CIRCULAR MIDDLE SIZE (SOLDER/LOCK TYPE) MALE CONN. MALE SPIN(20A) REAR MOUNT				
DECIMALS:	ANGLES:			
X : ±0.5	X : ±2°			
X.X : ±0.3	X.X : ±1'			
X.XX : ±0.2				
TITLE				
DWN	Shown	PART NO.2CM3133-W03600H	UNIT: mm	
CHKD	Harlen	SCALE 2:1	UNIT: mm	
APVD	Quon	SIZE: A3	SHEET: 1 OF 1	REV: A

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