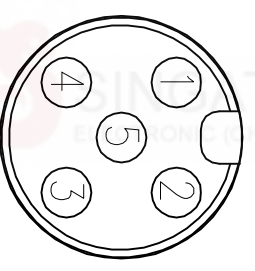
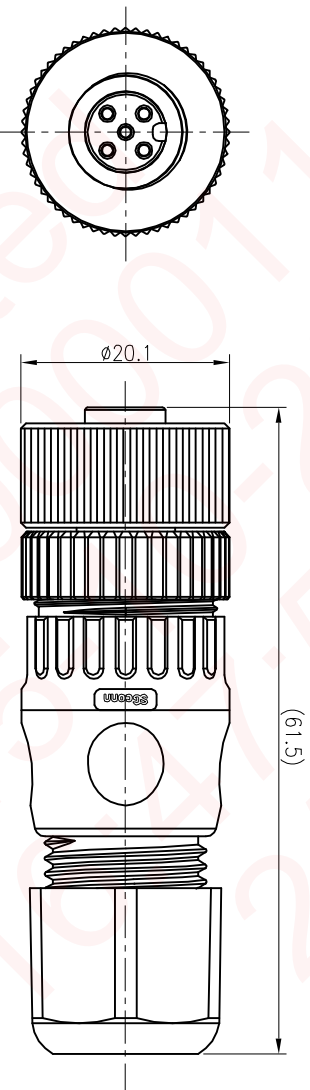
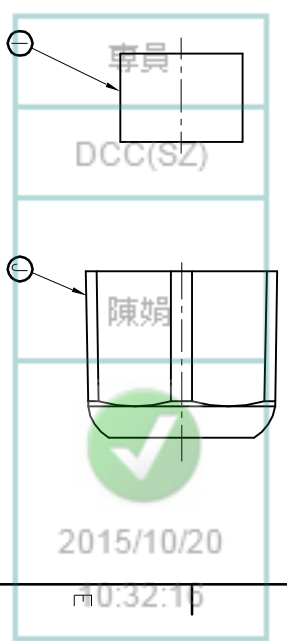
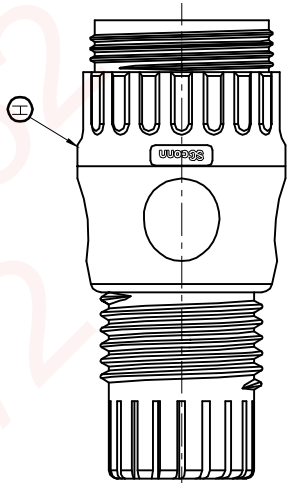
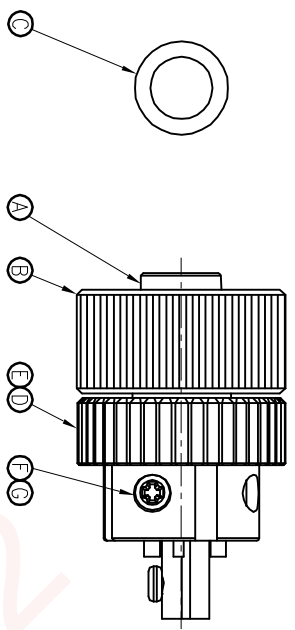


REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO: T140401-1B	JF		2015.09.25



Pin Assignments
Front View

- NOTES:
- ELECTRICAL CHARACTERISTICS:
 - 1-1 CURRENT RATING: 5 AMPS.
 - 1-2 CONTACT RESISTANCE: 30 mOhm Max.
 - 1-3 INSULATION RESISTANCE: 100 MOhm Min. at 500VDC.
 - 1-4 BREAKDOWN VOLTAGE: 500 VAC PER MINUTE.
 - MECHANICAL CHARACTERISTICS:
 - 2-1 CONTACT ACCOMMODATION: 18~22AWG.
 - 2-2 TIGHTENING TORQUES: 1.0~1.2Nm(8.85~10.62lbf.in.).
 - ENVIRONMENTAL:
 - 3-1 OPERATING TEMPERATURE: -40°C TO +105°C.
 - 3-2 SEALING REQUIREMENTS: IP67.
 - CABLE ACCEPTANCE: 3.0~6.0mm.
 - LIFE TEST: 1,000 CYCLES MIN.
 - OTHER GENERAL SPEC. TO REFER "M12 SERIES 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**.

J	SEALING NUT	1	PA66+GF	BLACK
I	SEAL	1	EPDM	BLACK
H	CLAMP RING	1	PA66+GF	N/A
G	SCREW	1	STEEL	N/A
F	FEMALE PIN	5	COPPER ALLOY	5u" GOLD PLATING 20u" Pd Ni
E	O-RING 2	1	SILICONE	BLACK
D	SCREW NUT2	1	PA66+GF	BLACK
C	O-RING 1	1	VTION	RED
B	SCREW NUT1	1	BRASS	NICKEL
A	BODY	1	PA66+GF	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS:	ANGLES:
X :±0.5	X :±2°
X.X :±0.3	X.X :±1°
X.XX :±0.2	

Singatron Enterprise Co., Ltd.
信譽企業股份有限公司

M12 SERIES SIZE (P67)
FEMALE CONN. FEMALE SPIN ASSEMBLY TYPE

TITLE	M12 SERIES SIZE (P67) FEMALE CONN. FEMALE SPIN ASSEMBLY TYPE
DWN	JF
CHKD	Yang
APVD	Horlen

PART NO. 2MT3032-W053B0H
SCALE 2:1 UNIT: mm
SIZE: A3 SHEET: 1 OF 1 REV: A

CUSTOMER COPY