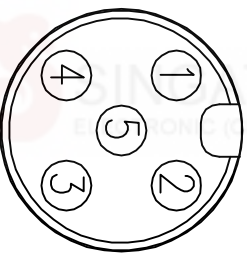
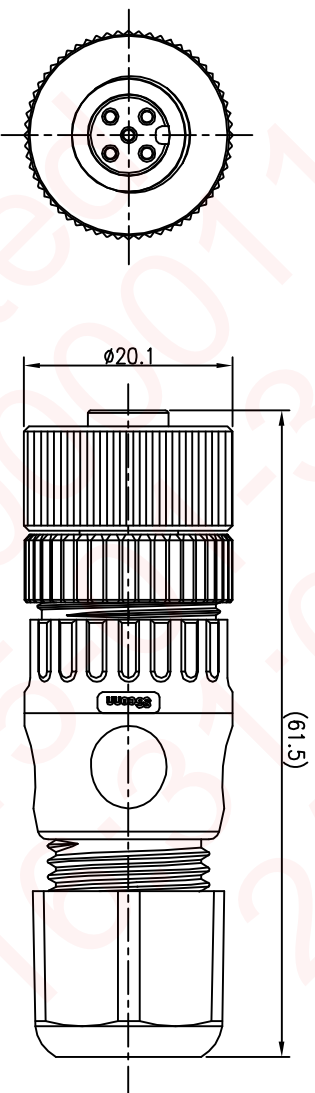
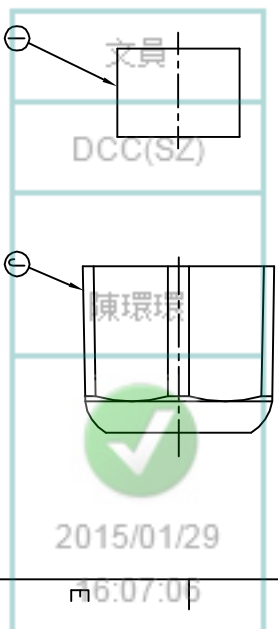
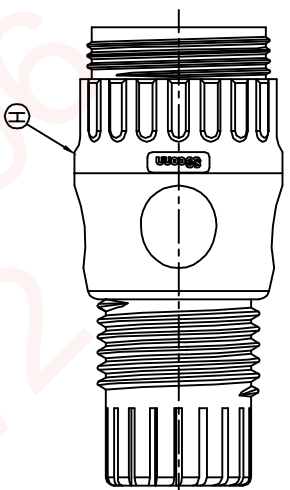
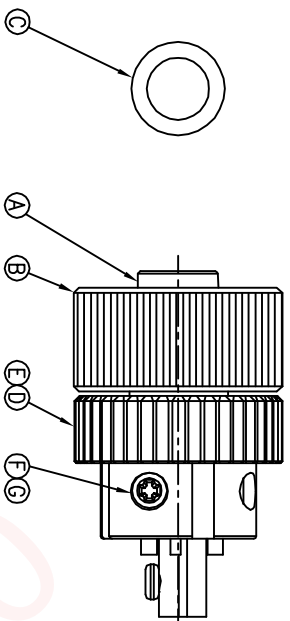


REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO:T140421-14B	JF		2015.01.29



Pin Assignments
Front View

- NOTES:
- 1 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.
2. MECHANICAL CHARACTERISTICS:
- 2-1 CONTACT ACCOMMODATION: 18~22AWG.
 - 2-2 TIGHTENING TORQUES: 1.0~1.2Nm(8.85~10.62lbf.in.).
3. ENVIRONMENTAL:
- 3-1 OPERATING TEMPERATURE: -40°C TO +105°C.
 - 3-2 SEALING REQUIREMENTS: IP67.
4. CABLE ACCEPTANCE: 6.0~9.0mm.
5. LIFE TEST: 1,000 CYCLES MIN.
6. OTHER GENERAL SPEC. TO REFER "M12 SERIES SPEC."
7. FOR TECHNICAL DATA REFER TO YOUR LOCAL SINGATRON ELECTRONICS SALES OFFICE.
8. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.
9. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
10. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: [Click Here](#).

J	SEALING NUT	1	PA66	BLACK
I	SEAL	1	EPDM	BLACK
H	CLAMP RING	1	PA66	N/A
G	SCREW	5	STEEL	N/A
F	FEMALE PIN	5	COPPER ALLOY	6u" GOLD PLATING
E	O-RING 2	1	SILICONE	BLUE
D	SCREW NUT2	1	PA66	BLACK
C	O-RING 1	1	VITON	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

TITLE	M12 SERIES SIZE (P67) FEMALE CONN. FEMALE SPIN ASSEMBLY TYPE
DWN	JF
CHKD	Yang
APVD	Horlen
PART NO.	2MT3032-W053B1H
SCALE	2:1
UNIT	mm
SIZE	A3
SHEET	1 OF 1
REV	A

CUSTOMER COPY

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