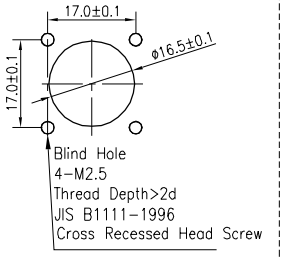
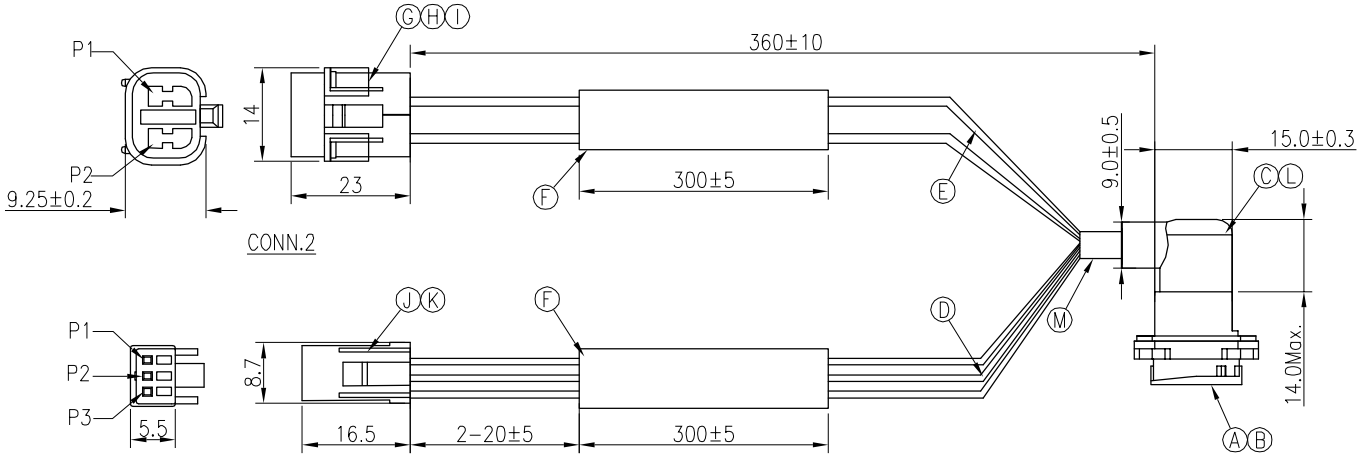
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.:T220223-1A	MF	2023.03.01

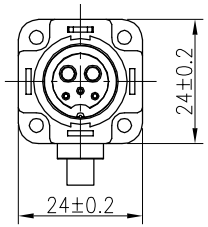


RECOMMENDED
PANEL CUT-OUT

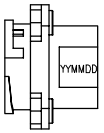


CONN.2

CONN.3

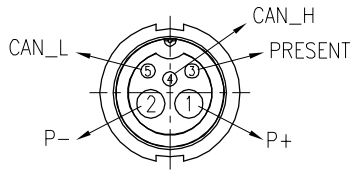


CONN.1
MATCH SCREW M2.5



WHITE(26#)	5	/	3	CAN_L
YELLOW(26#)	4	/	2	CAN_H
GREEN(26#)	3	/	1	PRESENT
BLACK(14#)	2	2	/	P-
RED(14#)	1	1	/	P+
WIRE COLOR	CONN1	CONN2	CONN3	FUNCTION

PIN OUT



Pin Assignments
Front View

NOTES:
1. WATERPROOF RATE: IP67 WHEN MATED
   IP67: IMMERSED IN 1M WATER FOR 30 MINUTES.
2. ELECTRICAL CHARACTERISTICS
   CURRENT RATING: 20+2A
3. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
4. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: G.P. PASS
5. LIFE TEST: 1,000 CYCLES Min.
6. LASE DATE CODE "YYMMDD" ON TOP OF CONN.
   DATE CODE: YYMMDD
   DAY
   MONTH
   YEAR

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
M	TUBE	1	N/A	BLACK
L	OVER MOLD	1	PLASTIC	BLACK
K	TERMINAL	3	HongRu T20032PS-2	TIN-PLATING
J	HOUSING	1	HongRu M20032-1X3	WHITE
I	RUBBER SEAL	2	KST 7001A0092	BLACK
H	TERMINAL	2	KST 1201A0007	TIN-PLATING
G	HOUSING	1	KST 3202A0144	WHITE
F	HEAT SHRINK TUBE	2	N/A	BLACK
E	WIRE	2	UL3266 14AWG	SEE PIN OUT
D	WIRE	3	UL1430 26AWG	SEE PIN OUT
C	HEAT SHRINK TUBE	5	N/A	BLACK
B	FEMALE PIN	5	PHOSPHOR BRONZE	GOLD PLATING OVER NICKEL PLATING
A	BODY	1	PLASTIC	BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

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

Suzhou Singatron Auto Electronics CO.,LTD.
蘇州信音汽車電子有限公司

TITLE	CM SERIES 90° MALE CONN. FEMALE (2+3) PIN		
DWN	MF	PART NO.2CM3020-W05EA6H	
CHKD	JF	SCALE 1:1	UNIT: mm
APVD	STEVE	SIZE: A4	SHEET:1 OF 1

REV: A

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文件編號:RD-06-043-A