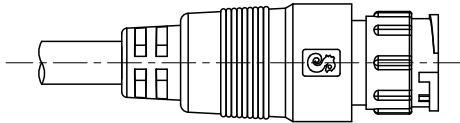
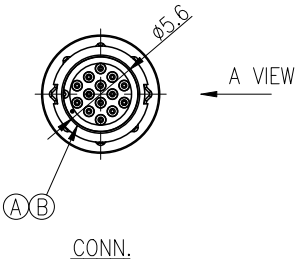
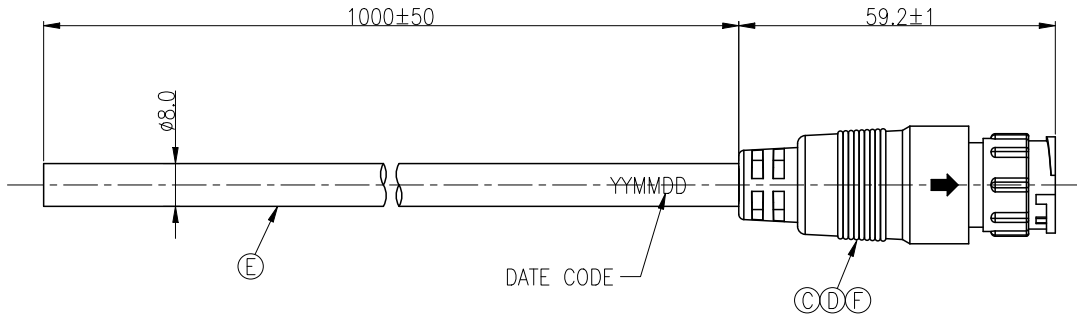


REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
A	PDR NO.:T250213-1B	JF	2026.03.03



WATERPROOF GRADE: IPX7

NOTES:

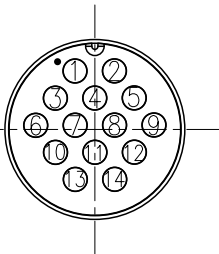
1. WATERPROOF GRADE: IPX7
IPX7: IMMERSED IN 1M OF WATER FOR 30 MINUTES
2. ELECTRICAL CHARACTERISTICS:
2-1. CONTACT RESISTANCE: 30mΩ Max.(CONNECTOR TO CONNECTOR)
2-2. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
2-3. INSULATION RESISTANCE: 100MΩ Min. BY 500V DC
2-4. OTHER GENERAL SPEC. TO REFER "CIRCULAR SERIES SPEC."
3. OPERATING TEMPERATURE: -20°C TO +80°C
4. SPECIFICATIONS: SEE "CIRCULAR SERIES SPECIFICATIONS"
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.R. PASS**
7. LASER PRINT DATE CODE: "YYMMDD"

DAY
MONTH
YEAR

BROWN	14	TWIST
RED/BLACK	13	
RED/WHITE	12	TWIST
WHITE/GREEN	11	
WHITE/BLUE	10	TWIST
BLACK	9	
PURPLE	8	TWIST
ORANGE/BLACK	7	
WHITE/YELLOW	6	TWIST
LIGHT-BLUE	5	
RED/WHITE	4	TWIST
GRAY	3	
RED	2	TWIST
WHITE/BLACK	1	
WIRE COLOR	CONN.	

PIN DEFINE

CONN.



PIN ASSIGNMENTS
FRONT VIEW

F	HEAT SHRINK TUBE	7	125°C 300V	BLACK
E	CABLE	1	UL2464 24AWG*7P+AL UV RESISITANT OD8.0	BLACK(PVC JACKET)
D	INNER MOLD	1	TPU	NATURAL
C	OVER MOLD	1	PVC	BLACK
B	MALE PIN	14	BRASS	GOLD PLATING OVER NICKEL PLATING
A	MALE BODY	1	PA66+GF	BLACK
NO.	DESCRIPTION	Q'TY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE
SPECIFIED TOLERANCES

SINGATRON

DECIMALS:	ANGLES:	TITLE	CIRCULAR MIDDLE SIZE (IP67) MALE CONN. MALE 14PIN(5A) LOCK TYPE		
X :±0.5	X :±2°	DWN	JF	PART NO.	2CM3024-W14300H
X.X :±0.3	X.X :±1°	CHKD	ALLEN	SCALE 1:1	UNIT: mm
X.XX :±0.2		APVD	LIAO	SIZE: A3	SHEET: 1 OF 1

CUSTOMER COPY