



DETAILED PRODUCT DESCRIPTION:
 WATERPROOF CONNECTOR RATING IS IP67
 THEY CAN NOT BE USED PERMANENTLY UNDER WATER
 PER ISO-20653,IEC60529
 DESTRUCTIVE WITHSTAND FORCE BETWEEN CONNECTOR AND OVERMOLD
 EXCEEDS 2.0KGF.

CONNECTOR ELECTRICAL CHARACTER
 RATING VOLTAGE: 30V
 INSULATION RESISTANCE: >100MΩ
 RATING CURRENT: 1.5A
 CONTACT RESISTANCE OF CONNECTOR ≤10mΩ
 MECHANICAL CHARACTERISTICS: MATING / CYCLE >100CYCLES
 OPERATING TEMPERATURE: -25°C ~ +80°C(DEPENDING ON CABLE QUALITY)
 TIGHTENING TORQUE (RANGE) 0.4~1.6NM
 (NOTE MAX. TORQUE OF MATING CONNECTOR!)

TESTING CONDITIONS:
 1. VOLTAGE: 300V DC/0.1S
 2. 100% OPEN AND SHORT ELECTRICAL TEST

ALL MATERIALS ARE RoHS COMPLIANT

WIRE LIST		
P1	COLOR	P2
1	BROWN	OPEN
2	WHITE	
3	BLUE	
4	BLACK	
5	GREY	
6	PINK	

ITEM	PART NO.	SPECIFICATION	Q'TY	UNIT
④	PL00008	BLACK PVC 30P	5	g
③	PL00106	AMBER TRANSPARENT LOW-PRESSURE INJECTION MOLDING COMPOUND	2	g
②	080106-21-001	M8 A CODING 6P/F CONNECTOR (M8*1.0)	1	SET
①	CA00630	UL2464 24AWG*6C JACKET BLACK PVC OD=5.0mm	1	PCS

SIGNAL [®]		TITLE M8 A CODING 6P/F TO OPEN CABLE	
Shenzhen Signal Electronics co.,Ltd		SGN NO	080106-06-002
DRAWN BY	DATE	DWG NO	SGN01014-215
CHECKED BY	DATE	CUSTOMER	SO
CHECKED BY	DATE	TOLERANCES ARE: DECIMALES ANGLES .x ±0.5 x. ±2.0' .xx ±0.20 .x' ±1.0'	
APPROVED BY	DATE		
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIGNAL COMPANY. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF SIGNAL COMPANY IS PROHIBITED.		THIRD ANGLE PROJECTION	
		SIZE: A4	UNITS: mm
		SCALE: 1:1	SHEET: 1 OF 1