



RECOMMENDED
P.C.B LAYOUT

5	M16 Male contact pin Gold plated OD:1.5	pc	8
4	Round nut M18*0.75	pc	1
3	Nitrile rubber #17*#14*1.5 black	pc	1
2	M16 Panel front mount male socket shell screw M18*0.75	pc	1
1	M16 Male Insulator 8 core black	pc	1
No.	Specification	Unit	Q'ty

Technical specifications:		Materials:	
Coupling:	Threaded coupling	Shell material:	Copper nickel plated
Termination:	Dip solder	Contact material:	Copper Gold plated
Coding:		Insert material:	PA66+GF UL94 black
Pollution degree:	3	Sealing:	NBR
Temperature range:	-40°C ~ +80°C		
Degree of protection:	IP67		
Mating cycles:	≥500		
Rated voltage:	60V AC/DC		
Rated current:	5A		
Contact resistance:	≤5 mΩ		
Insulation resistance:	≥100 MΩ		
All materials are RoHS compliant			

GENERAL TOLERANCE (UNLESS SPECIFIED)	DWN	DATE	
	W.M	2024.4.23	
	CHK	DATE	
≤10 ±0.1 <10~≤20 ±0.2 <20~≤50 ±0.5 Angle ±1°	APVD	DATE	TITLE M16 Male Front Mount Socket 8 Core
 THIRD ANGLE	UNIT MM	REV A	PART NO C110206-00041
	SIZE A4	SHEET 1 OF 1	DRAWING NO M16-P8-GPBM18