

10	9	8	7	6	5	4	3	2	1
TABLE 1: PART LIST					TABLE 2: FINISHED PRODUCTS				
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH	ENG-NO.	MOLEX PN	DESCRIPTION	L +Tol. [mm]	GEOMETRY
1	1	CABLE 2x0.75+10x0.34 TPU BK D8.8 TPE UNS	TPU	BLACK	L04A00B78M050	1300238025	M16 ST CON FOR M8 NANO BOX 5M - 10port	5000 +60	STR
2	1	OVERMOLD	PUR	BLACK	L04A00B78M100	1300238026	M16 ST CON FOR M8 NANO BOX 10M - 10port	10000 +80	STR
3	1	INSERT	PBT	BLACK	L04A00B78M150	1300238027	M16 ST CON FOR M8 NANO BOX 15M - 10port	15000 +140	STR
4	14	SOCKET CONTACT	COPPER ALLOY	GOLD	L04A01B78M050	1300238028	M16 90° CON FOR M8 NANO BOX 5M - 10port	5000 +60	RA
5	1	COUPLER	BRASS	PLATING WHITE BRONZE	L04A01B78M100	1300238029	M16 90° CON FOR M8 NANO BOX 10M - 10port	10000 +80	RA
					L04A01B78M150	1300238030	M16 90° CON FOR M8 NANO BOX 15M - 10port	15000 +140	RA
					L04A01B78M250	1300238031	M16 90° CON FOR M8 NANO BOX 25M - 10port	25000 +160	RA
					L04A01B78M400	1300238032	M16 90° CON FOR M8 NANO BOX 40M - 10port	40000 +400	RA
TABLE 3: CABLE SPEC					GEOMETRY STR (STRAIGHT)				
CABLE TYPE	CABLE JACKET	UL	CSA	Temperature range (static) (Bending radius up to 7.5xD)	Temperature range (flexing) (Bending radius up to 12.5xD)	drag chain tested	other	SCALE 1:2	
B78-12	TPU black	STYLE 21215	yes	-40°C to +90°C	-25°C to +80°C	5 Mio cycles	WELD SLAG RESISTANCE	SCALE 1:2	
WIRING SCHEMATIC:					GEOMETRY RA (RIGHT ANGLE)				
P	white	FACE VIEW SEE DETAIL A			SCALE 1:2				
J	green	M16 x 0.75 INTERNAL THREAD			SCALE 1:2				
T	yellow	M16 FEMALE FACE VIEW SCALE 2:1			SCALE 1:2				
S	grey				SCALE 1:2				
G	pink				SCALE 1:2				
R	red				SCALE 1:2				
E	black				SCALE 1:2				
O	violet				SCALE 1:2				
C	white/blue				SCALE 1:2				
A	brown 0.75 mm2				SCALE 1:2				
M	blue 0.75 mm2				SCALE 1:2				
L					SCALE 1:2				
U	brown/blue				SCALE 1:2				
N					SCALE 1:2				
1. MATERIALS : SEE TABLE 1					SCALE 1:2				
2. FINISHES: SEE TABLE 1					SCALE 1:2				
3. ELECTRICAL DATA:					SCALE 1:2				
MAX. VOLTAGE RATING 60 VAC					SCALE 1:2				
MAX. CURRENT 3 AMPS					SCALE 1:2				
4. ENVIRONMENTAL: PROTECTION IP67					SCALE 1:2				
TEMPERATURE RANGE -30°C TO +80°C					SCALE 1:2				
5. ASSEMBLY IS RoHS COMPLIANT					SCALE 1:2				
DOCUMENT STATUS	P1	RELEASE DATE	2019/09/26	14:43:52	SCALE 1:2				