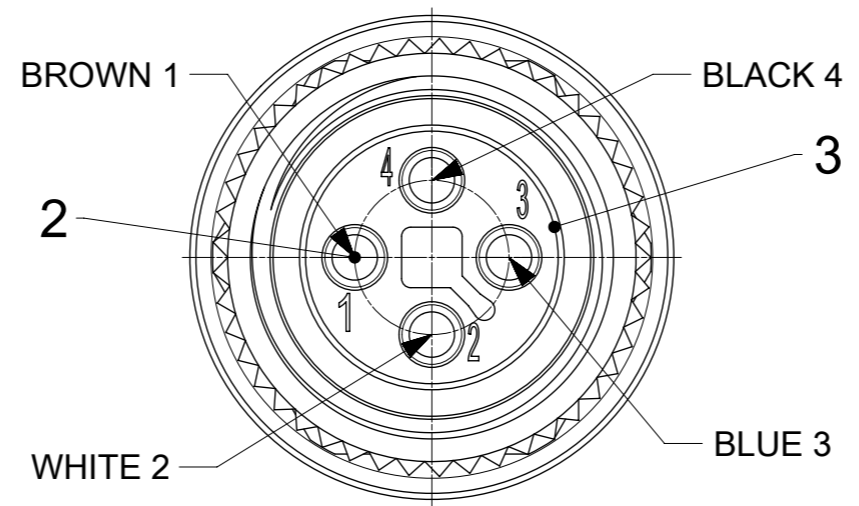


Prod. date according to WN-00001
 MX - MOLEX
 YY - MANUFACTURING DATA YEAR
 WW - MANUFACTURING DATA WEEK

POS	DESCRIPTION	MATERIAL	FINISH
1	NUT M12 MA	BRASS	Ni
2	CONTACT 15 MA	BRASS	Au
3	INSERT M12 MA	PA	BLACK
4	OVERMOLD	TPE	BLACK
5	CABLE 4x1.5 D7.8	TPU	BLACK
6	I/D CARRIER	-	-

CONNECTOR PIN ASSIGNMENT
 MATING SIDE



DETAIL 1
 SCALE 4:1

TECHNICAL DATA:

CONTACT ϕ : 1.5mm
 RATED VOLTAGE: 63V DC
 RATED CURRENT: 12A (40°)
 OVERVOLTAGE CATEGORIE: 3
 POLLUTION DEGREE: 3
 DIELECTRIC STRENGTH: 1500V
 CONTACT RESITANCE: $\leq 5m\Omega$
 INSULATION RESISTANCE: MIN: $10^8 \Omega$

IP RATING: IP67 (connected condition)
 TEMPERATURE RANGE FIXED: -40°C TO +90°C

PACKAGING:
 THE CORDSETS ARE PACKED IN PLASTIC BAGS
 AND DELIVERED IN CARTON BOXES

TABLE 1: Cable Length

MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]
1205000017	T0P4006B43M010	1000	± 25
1205000018	T0P4006B43M020	2000	± 25
1205000019	T0P4006B43M050	5000	± 25
1205000020	T0P4006B43M100	10000	± 30

SYMBOLS DIMENSION UNITS: mm SCALE: 2:1 GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL: $\pm 1.0^\circ$ 4 PLACES: \pm 3 PLACES: \pm 2 PLACES: ± 0.05 1 PLACE: ± 0.1 0 PLACES: ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION CURRENT REV DESC:					
	EC NO: 627207 DRWN: MDHARMANTI 2019/11/05 CHK'D: RSILLER 2019/11/12 APPR: RSILLER 2019/11/12					
	INITIAL REVISION: DRWN: MSCHWARZ 2015/08/13 APPR: CBRUNS 2016/05/10			PRODUCT CUSTOMER DRAWING		
	DOCUMENT NUMBER: 1205000017		DOC TYPE: PSD	DOC PART: 000	REVISION: A5	SHEET NUMBER: 1 OF 1