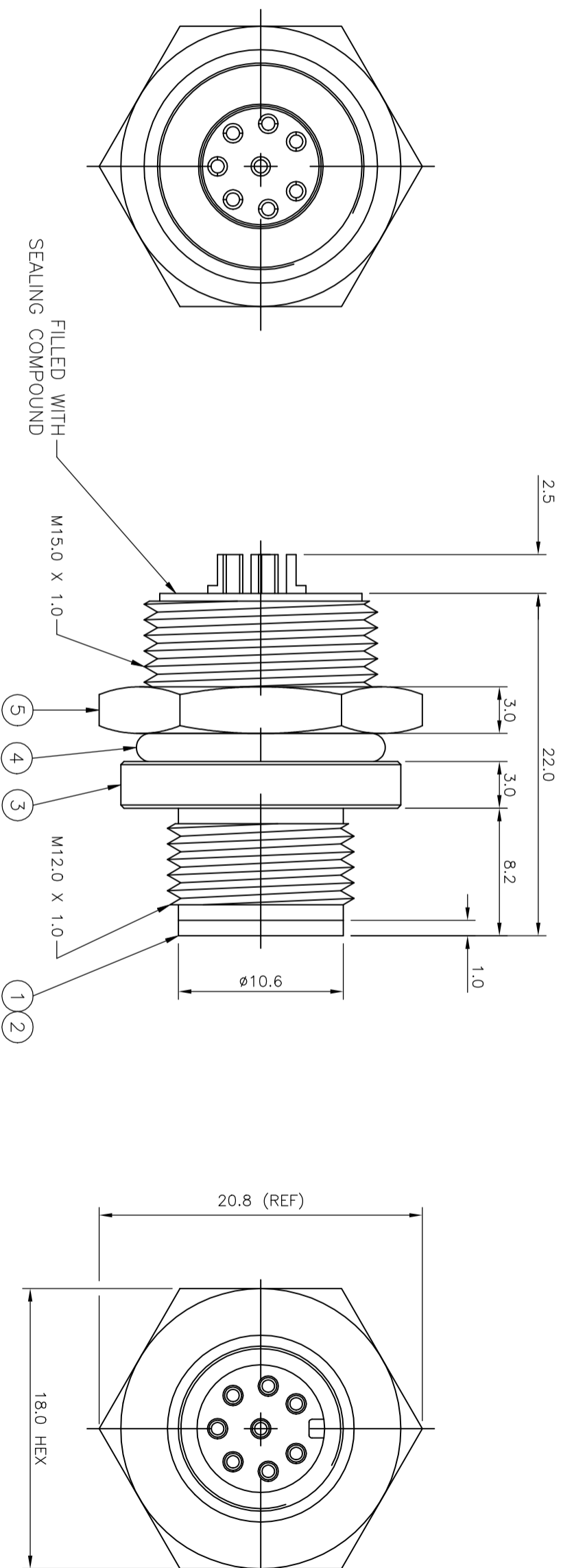


NOTES:

1. ELECTRICAL DATA: CONTACT RESISTANCE: 10 mohm MAX
INSULATION RESISTANCE: 100 MOhm MIN at 500VDC
CURRENT RATING: 5 AMPS (FOR 3, 4 AND 5 POSITIONS) AND 2 AMPS (FOR 8 POSITION ONLY)
BREAKDOWN VOLTAGE: 500 VAC MIN PER MINUTE
2. ENVIRONMENTAL: OPERATING TEMPERATURE: -25°C TO +90°C
SEALING REQUIREMENTS: IP67
3. PACKAGING: 107-3334
4. FOR TECHNICAL DATA REFER TO YOUR LOCAL TE CONNECTIVITY SALES OFFICE.
5. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.

P	LTR	DESCRIPTION	DATE	DWN	APVD
A2		ALLOWABLE WIRE SIZES ADDED IN TABLE	07AUG2015	TJ	NG
A3		ECR-17-017195, Obsolete PN	22NOV2017	TM	NG
B		ECR-18-005716 , Obsolete PN	17APR2018	TF	CW

ITEM	DESCRIPTION	MATERIAL	FINISH/COLOUR	QUANTITY / ITEM			
1	CONNECTOR HOUSING	GF NYLON	BLACK	-1	-2	-3	-4
2	PIN CONTACT	BRASS	0.15µm GOLD OVER NICKEL	1	1	1	1
3	CONNECTOR BODY	BRASS	NICKEL PLATED	3	4	5	8
4	'O' RING	EPDM	BLACK	1	1	1	1
5	SCREW NUT	BRASS	2.5µm NICKEL PLATED	1	1	1	1



ALLOWABLE WIRE SIZE	DESCRIPTION	NO. OF POS	PART NUMBER
24AWG	M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (CIRCULAR) MOUNTING	8	1838418-4
22AWG	M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (CIRCULAR) MOUNTING	5	1838418-3
22AWG	M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (CIRCULAR) MOUNTING	4	1838418-2
22AWG	M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (CIRCULAR) MOUNTING	3	1838418-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	09MAR06	A.Morey
CHK	12APR06	F.Wheeler-King
APVD	12APR06	F.Wheeler-King

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	±
2 PLC	±
3 PLC	±
4 PLC	±
ANGLES	±

FINISH: ±

WEIGHT: —

APPLICABLE SPEC: 108-3641

PRODUCT SPEC: 108-3641

SIZE: A3

CAGE CODE: 300779

DRAWING NO: C=1838418

RESTRICTED TO: —

CUSTOMER DRAWING



TE Connectivity

M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (CIRCULAR) MOUNTING