

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION 09MAR, 2006.

© COPYRIGHT 2006 BY TYCO ELECTRONICS CORPORATION.

ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
		A		FIRST ISSUE	22FEB06	MTN FWK

## 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

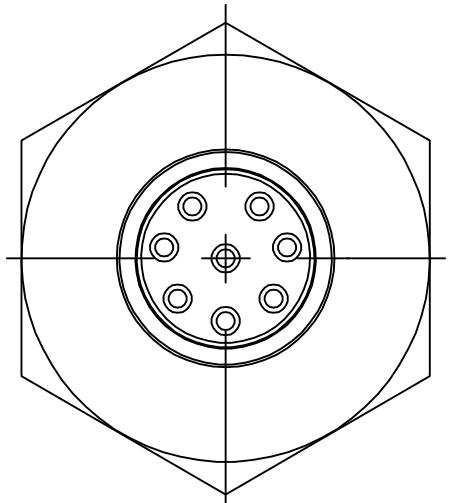
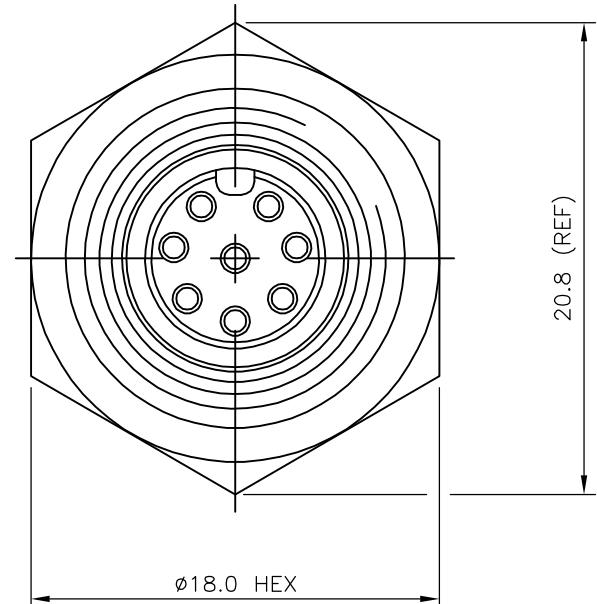
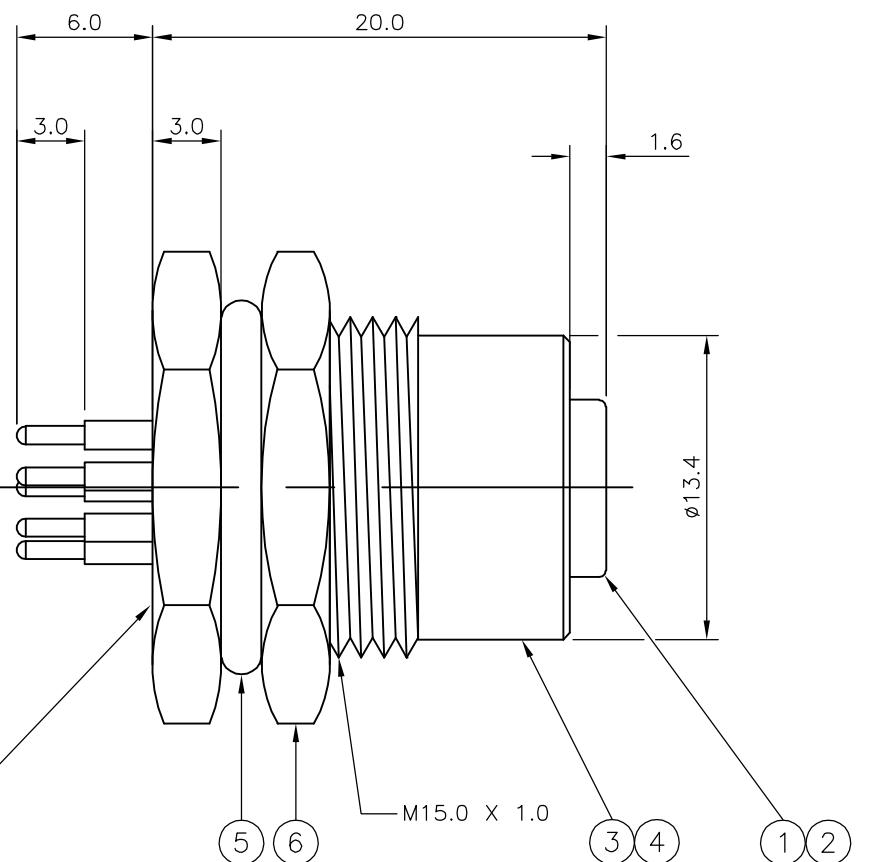
3. PROD SPEC: 108-3641

4. PACKAGING: 107-3334

5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE.

6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.

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

FILLED WITH  
SEALING COMPOUND

M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	8	1838417-4
M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	5	1838417-3
M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	4	1838417-2
M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	3	1838417-1
DESCRIPTION	NO. OF POS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A. Morey CHK F. Wheeler-King APVD F. Wheeler-King PRODUCT SPEC —	09MAR06 12APR06 12APR06 F. Wheeler-King —	tyco Electronics			Tyco Electronics Corporation Bideford, UK, EX39 4HE
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —		NAME M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING			
				SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
MATERIAL	—	FINISH	—	A3	00779	C-1838417	—
		WEIGHT	—				
		CUSTOMER DRAWING		SCALE	NTS	SHEET 1 OF 2	REV A



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1838417-1](#)