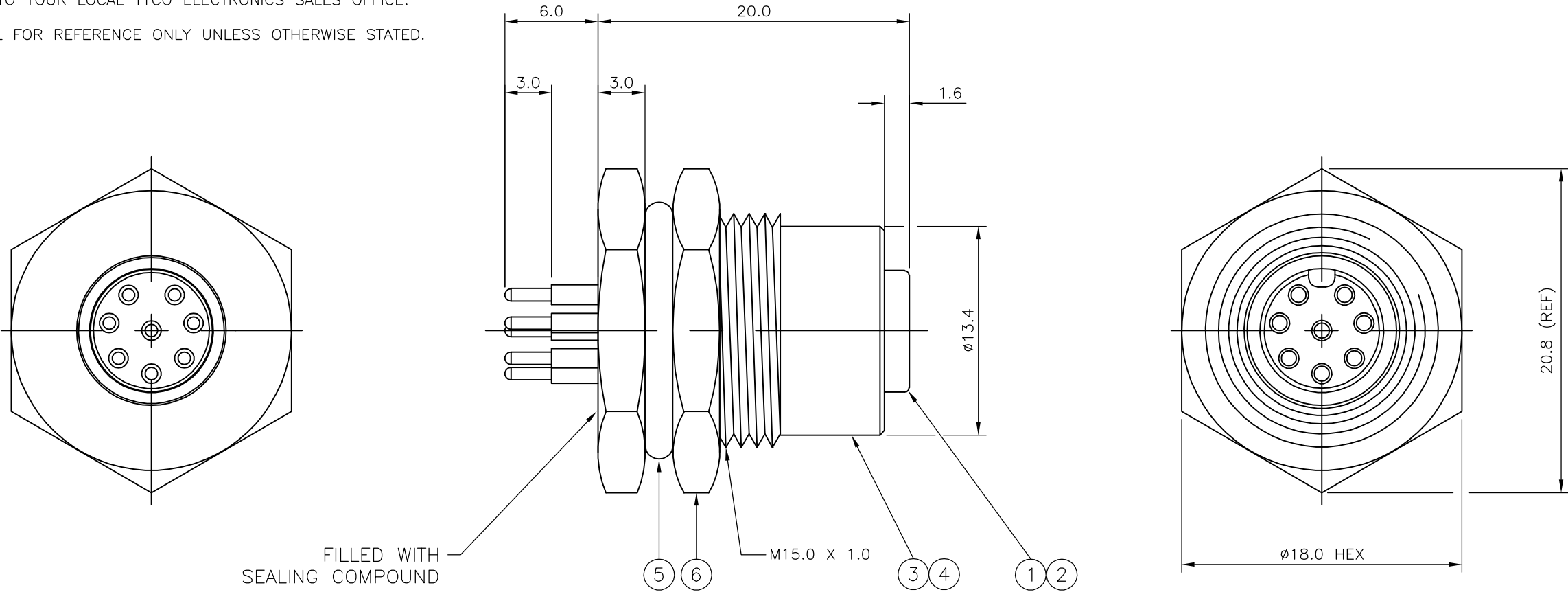


LOC E	DIST B	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
			A	FIRST ISSUE	22FEB06	MTN	FWK	

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	FINISH/COLOUR	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



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	09MAR06	tyco Tyco Electronics Corporation Electronics Bideford, UK, EX39 4HE		
		CHK F.Wheeler−King	12APR06			
		APVD F.Wheeler−King	12APR06	NAME M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING		
		PRODUCT SPEC				
		APPLICATION SPEC				
		WEIGHT		SIZE A3	CAGE CODE 00779	DRAWING NO C=1838417
		CUSTOMER DRAWING		SCALE NTS	SHEET 1 OF 2	REV A

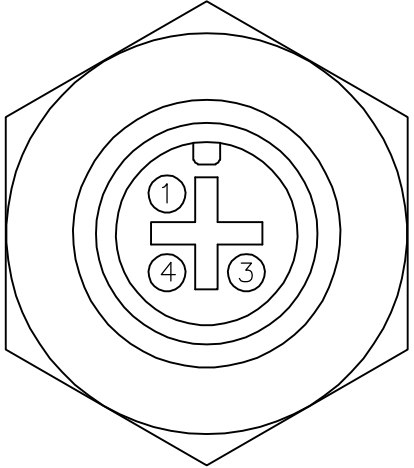
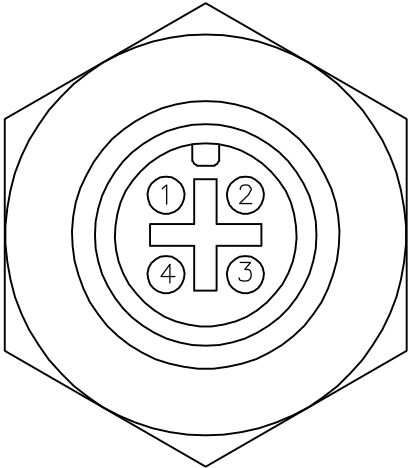
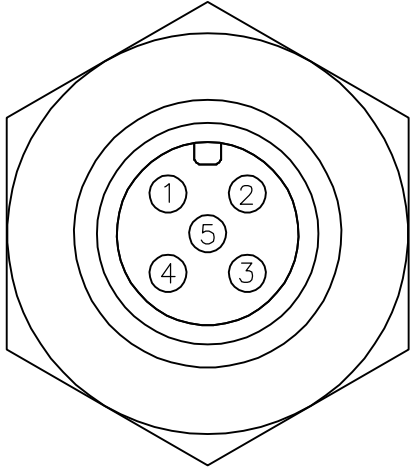
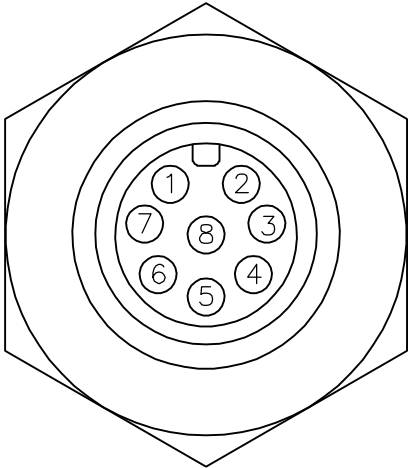
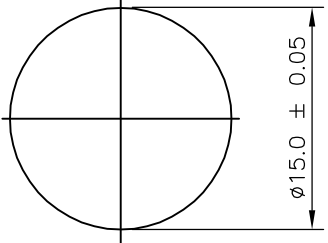
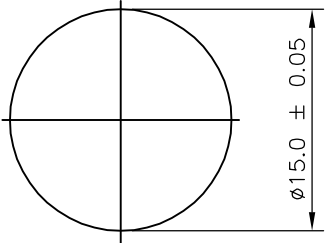
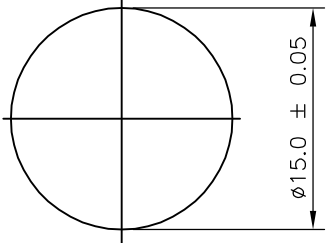
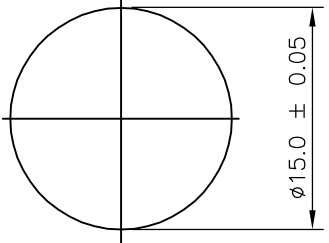
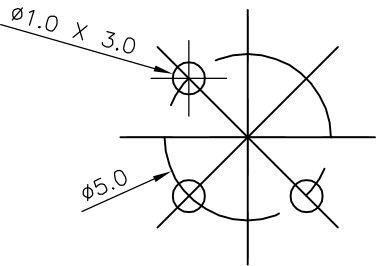
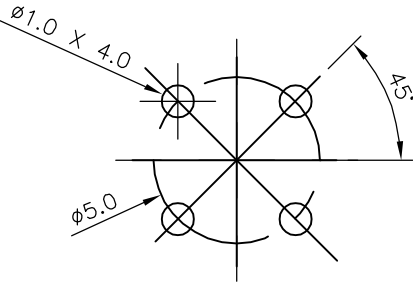
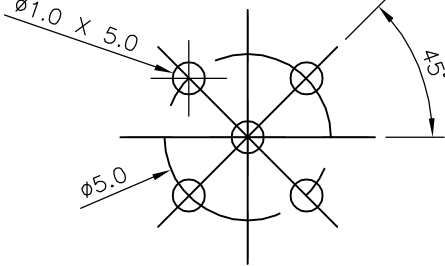
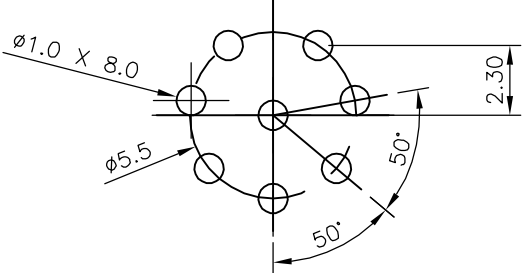
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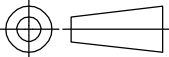
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LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
	—	SEE SHEET 1	—	—	—	

1838417-1	1838417-2	1838417-3	1838417-4
PIN ASSIGNMENTS FRONT VIEW 	PIN ASSIGNMENTS FRONT VIEW 	PIN ASSIGNMENTS FRONT VIEW 	PIN ASSIGNMENTS FRONT VIEW 
RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 3.9mm) 	RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 3.9mm) 	RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 3.9mm) 	RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 3.9mm) 
RECOMMENDED PCB LAYOUT 	RECOMMENDED PCB LAYOUT 	RECOMMENDED PCB LAYOUT 	RECOMMENDED PCB LAYOUT 

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