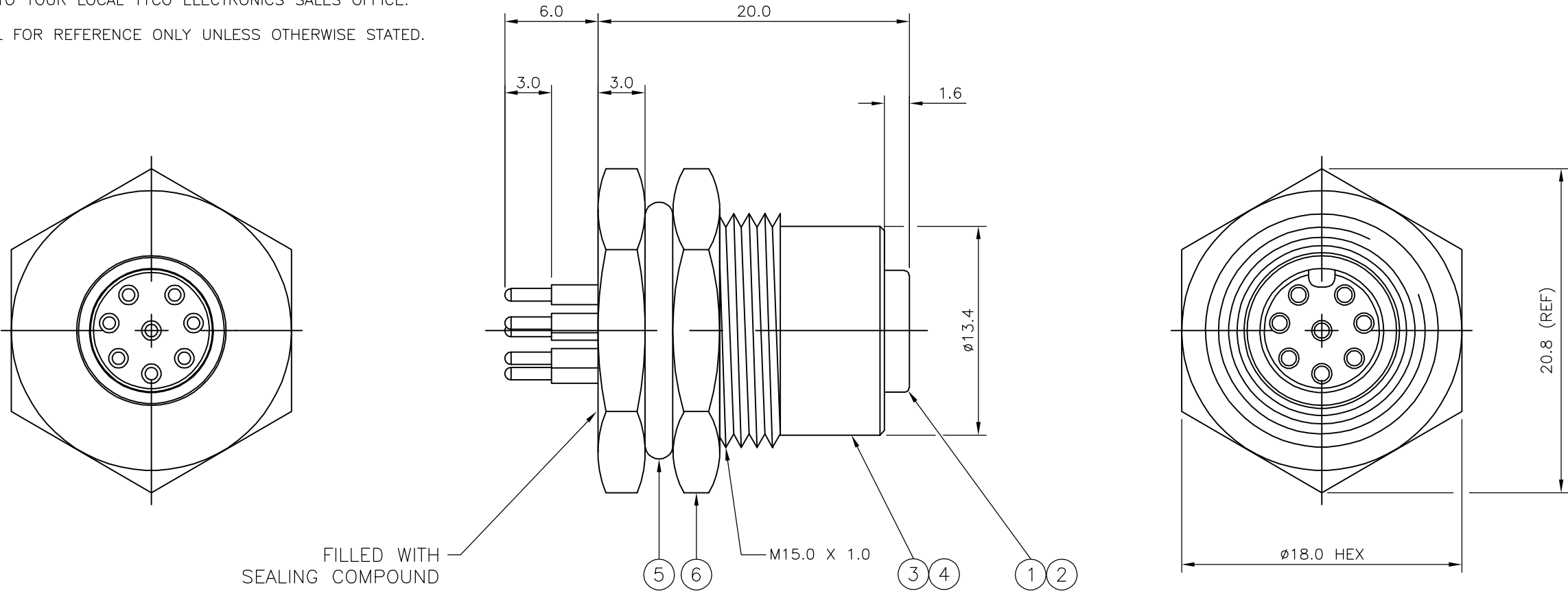


LOC	DIST	REVISIONS					
E	B	P	LTR	DESCRIPTION		DATE	APVD
			A	FIRST ISSUE		22FEB06	MTNFWK

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

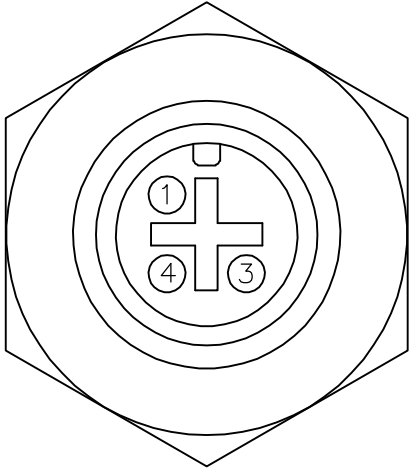
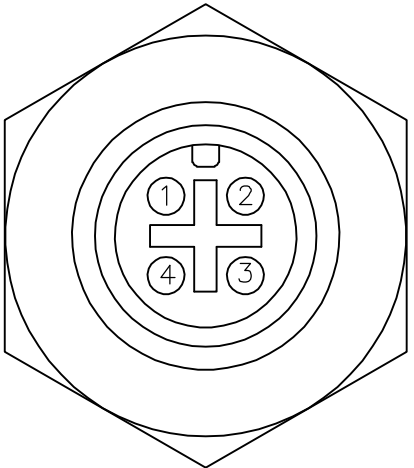
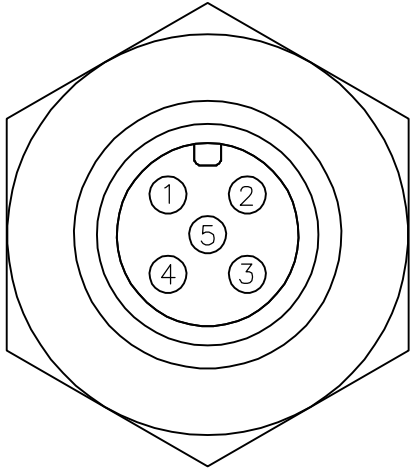
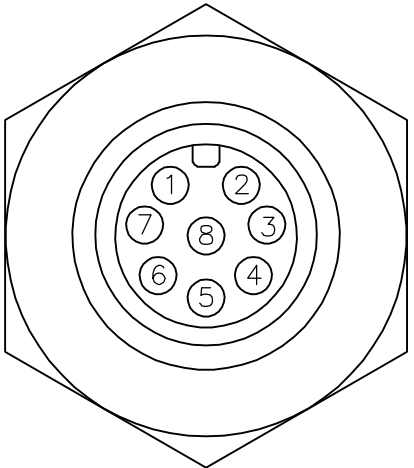
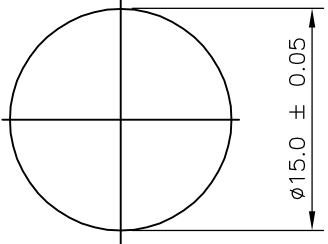
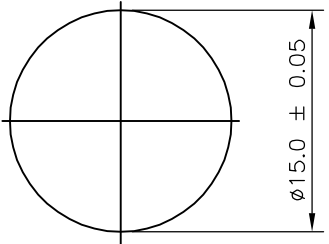
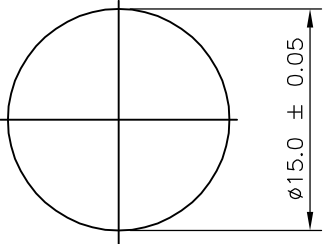
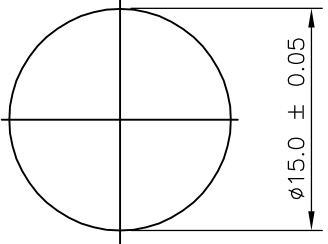
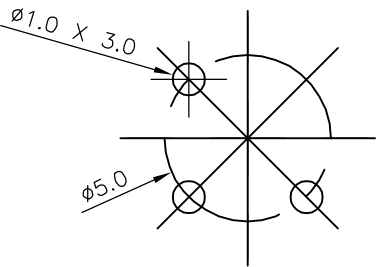
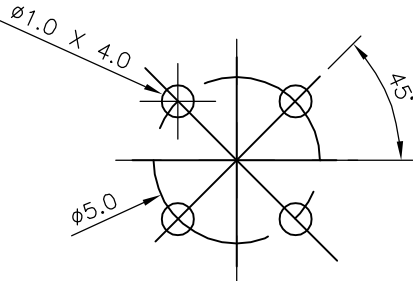
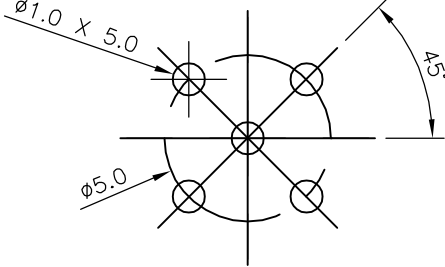
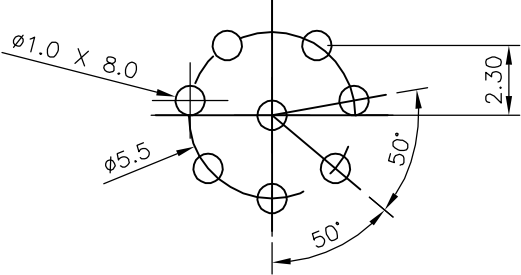
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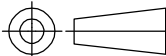
3

2

1

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION			DATE	APVD
		—			—	—

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

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

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[1838417-1](#)