

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION		DATE	APVD
E	B		C	ECR-07-015780		08/07/07	AM FWK

NOTES:

1. ELECTRICAL DATA:
- CONTACT RESISTANCE:

INSULATION RESISTANCE:

CURRENT RATING:

BREAKDOWN VOLTAGE:
- 10 mOhm MAX

100 MOhm MIN at 500VDC

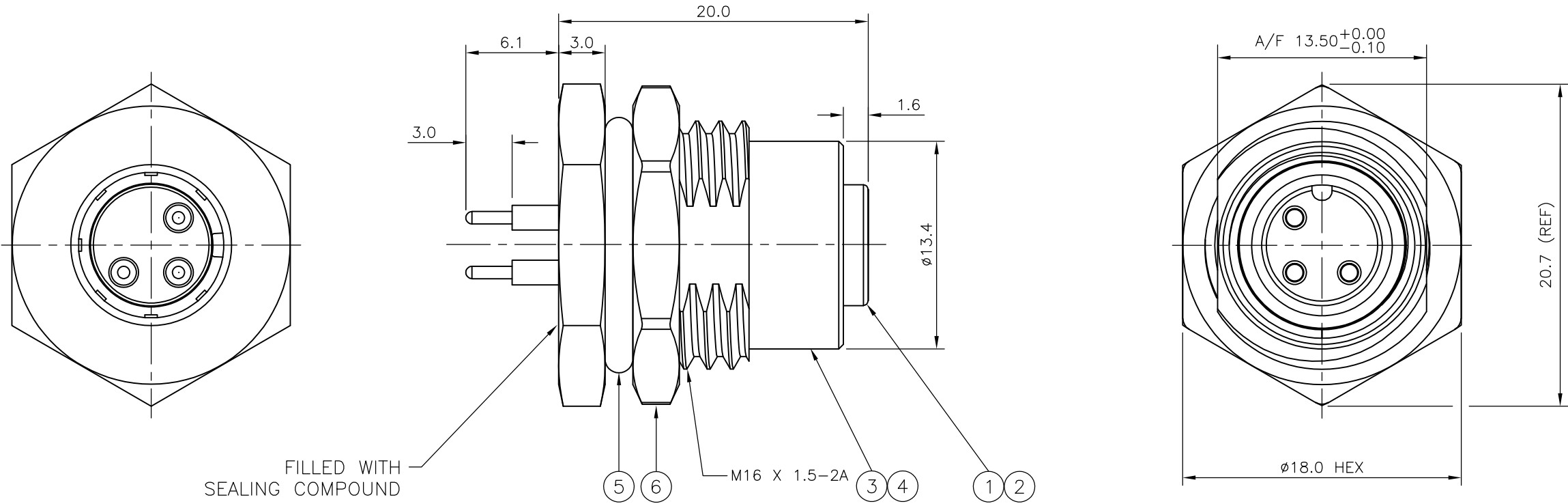
5 AMPS (FOR 3, 4 AND 5 POSITIONS) AND 2 AMPS (FOR 8 POSITION ONLY)

500 VAC MIN PER MINUTE
2. ENVIRONMENTAL:
- OPERATING TEMPERATURE:

SEALING REQUIREMENTS:
- 25°C TO +90°C

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	ZINC DIE CAST	2.5µm 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	ZINC DIE CAST	2.5µm NICKEL PLATED	1	1	1	1



M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	8	1838892-4
M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	5	1838892-3
M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	4	1838892-2
M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	3	1838892-1
DESCRIPTION		NO. OF POS
		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A.Morey	09MAR06	<b>tyco</b> Tyco Electronics Corporation <b>Electronics</b> 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-1838892
		CUSTOMER DRAWING				
		SCALE NTS		SHEET 1	OF 2	REV C

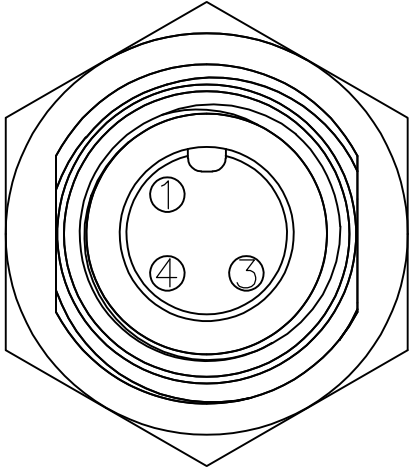
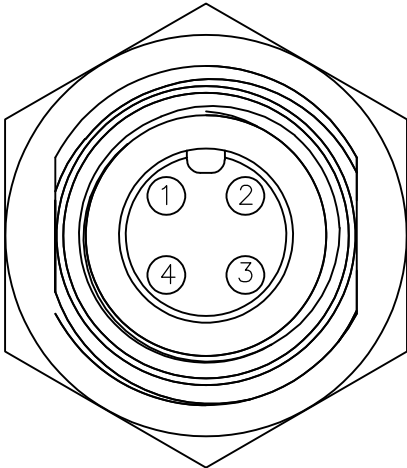
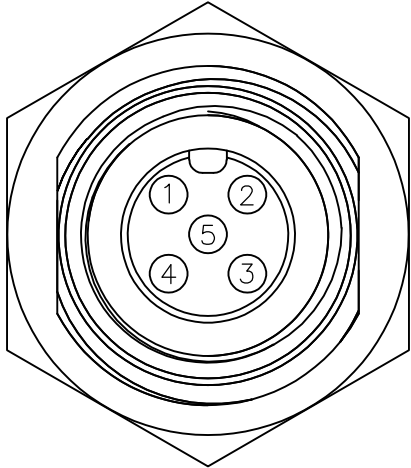
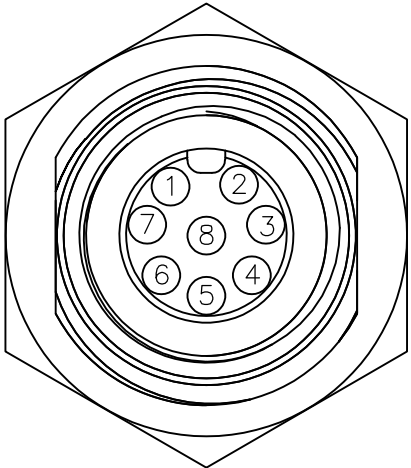
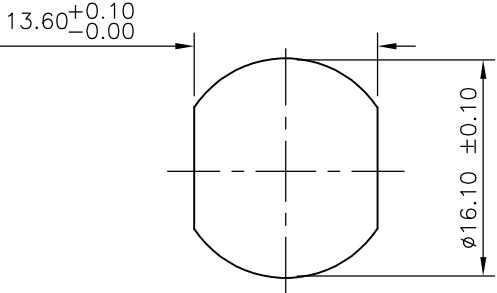
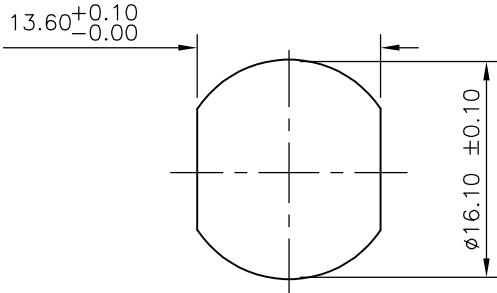
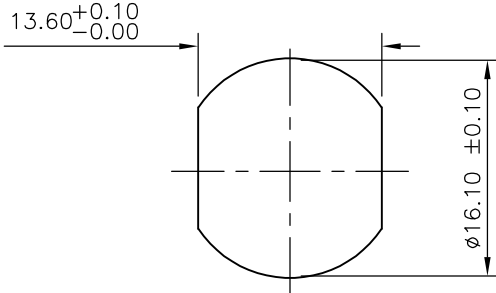
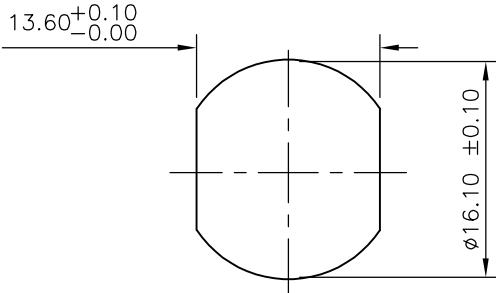
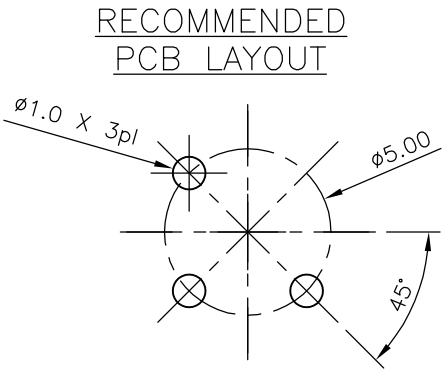
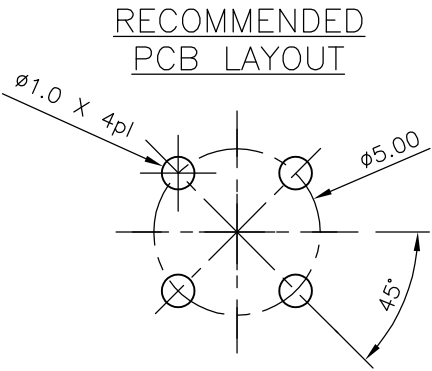
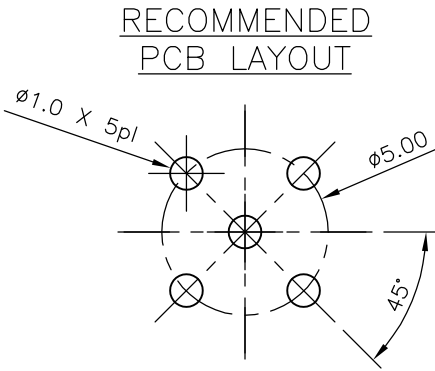
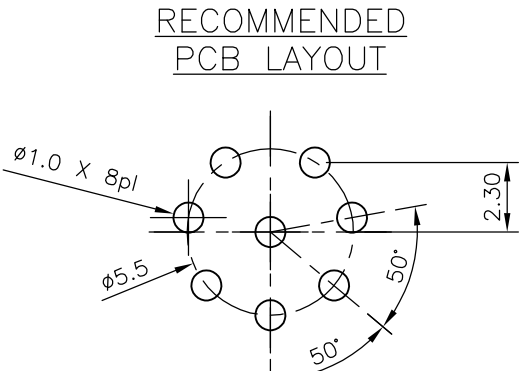
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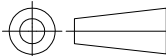
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN
E	B	SEE SHEET 1		—	—

1838892-1	1838892-2	1838892-3	1838892-4
<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 4.5mm)</div> 	<div>RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 4.5mm)</div> 	<div>RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 4.5mm)</div> 	<div>RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 4.5mm)</div> 
<div>RECOMMENDED PCB LAYOUT</div> 	<div>RECOMMENDED PCB LAYOUT</div> 	<div>RECOMMENDED PCB LAYOUT</div> 	<div>RECOMMENDED PCB LAYOUT</div> 

<div>THIS DRAWING IS A CONTROLLED DOCUMENT.</div> <div><div>DIMENSIONS: mm</div><div></div></div> <div>MATERIAL —</div>	<div>DWN A.Morey05MAR07</div> <div>CHK F.Wheeler—King08MAR07</div> <div>APVD F.Wheeler—King08MAR07</div> <div>PRODUCT SPEC —</div> <div>APPLICATION SPEC —</div> <div>WEIGHT —</div>		<div>Tyco Electronics Corporation Bideford, UK, EX39 4HE</div> <div>NAME M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING</div> <div>SIZE A3</div> <div>CAGE CODE 00779</div> <div>DRAWING NO C=1838892</div> <div>RESTRICTED TO —</div>			
	<div>0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —</div> <div>FINISH —</div>					
	CUSTOMER DRAWING		SCALE NTS		SHEET 2 OF 2	
					REV C	