

LOC	DIST	REVISIONS					
E	B	P	LTR	DESCRIPTION	DATE	DWN	APVD
			C	ECR-07-015780	03/07/07	AM	FWK

- NOTES:
1. ELECTRICAL DATA:

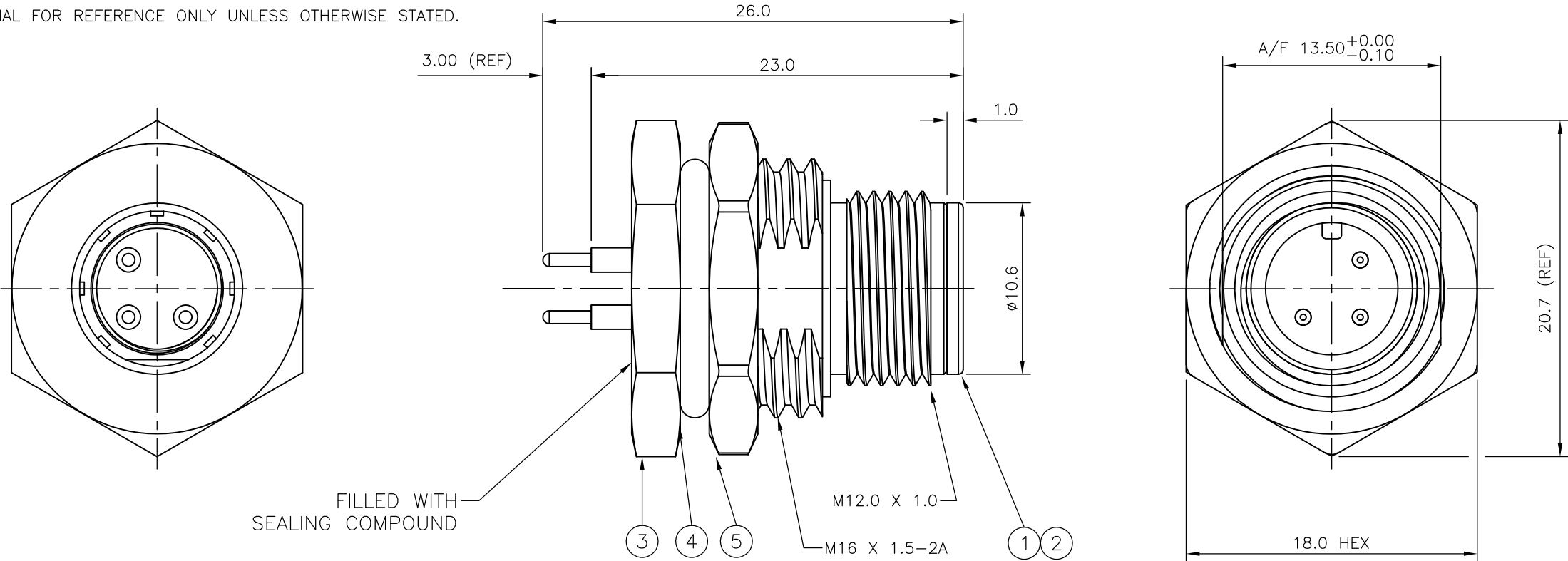
CONTACT RESISTANCE: 10 mOhm MAX
INSULATION RESISTANCE: 100 MOhm MIN at 500VDC
CURRENT RATING: 5 AMPS (FOR 3, 4 AND 5 POSITIONS) AND 2 AMPS (FOR 8 POSITION ONLY)
BREAKDOWN VOLTAGE: 500 VAC MIN PER MINUTE
2. ENVIRONMENTAL:

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	PIN 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	EPDM	BLACK	1	1	1	1
5	SCREW NUT	ZINC DIE CAST	2.5µm NICKEL PLATED	1	1	1	1



M12 METAL MALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	8	1838894-4
M12 METAL MALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	5	1838894-3
M12 METAL MALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	4	1838894-2
M12 METAL MALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	3	1838894-1
DESCRIPTION	NO. OF POS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A.Morey 05MAR07	tyco Tyco Electronics Corporation Electronics Bideford, UK, EX39 4HE			
DIMENSIONS: mm		CHK F.Wheeler-King 08MAR07				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD F.Wheeler-King 08MAR07	NAME M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, FRONT (HEXAGONAL) MOUNTING			
MATERIAL		PRODUCT SPEC	SIZE A3			
FINISH		APPLICATION SPEC	CAGE CODE 00779			
—		WEIGHT	DRAWING NO C-1838894			
—		CUSTOMER DRAWING	RESTRICTED TO —			
		SCALE NTS	SHEET 1 OF 2			
			REV C			

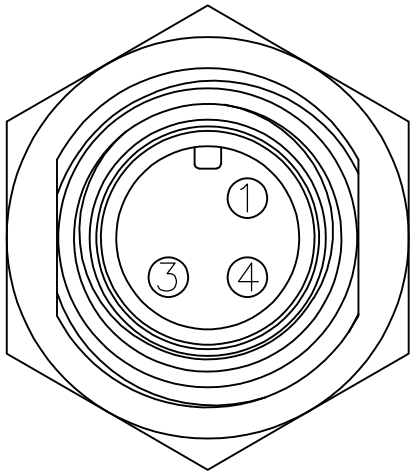
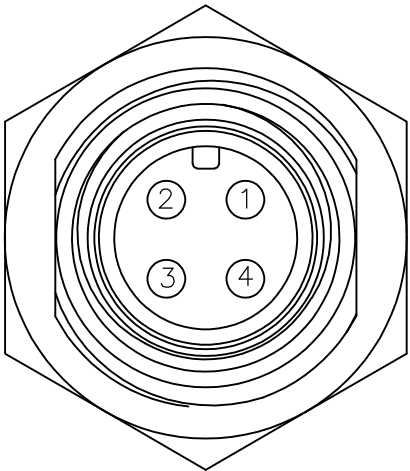
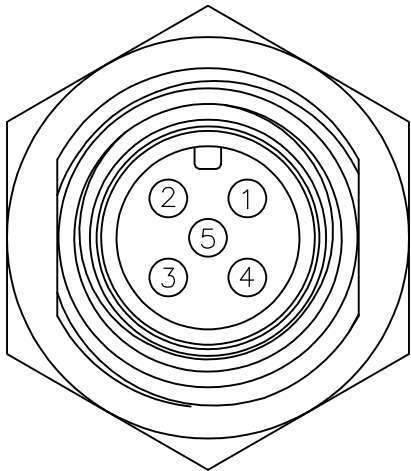
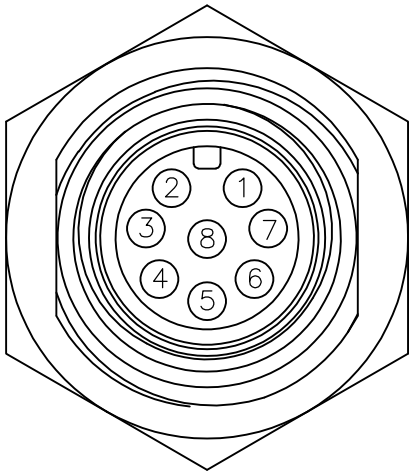
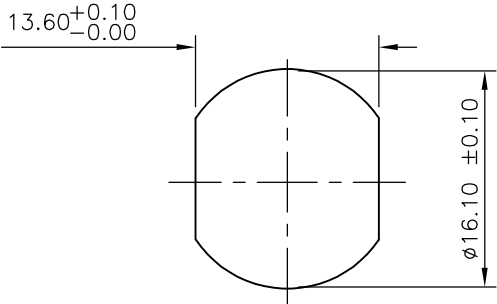
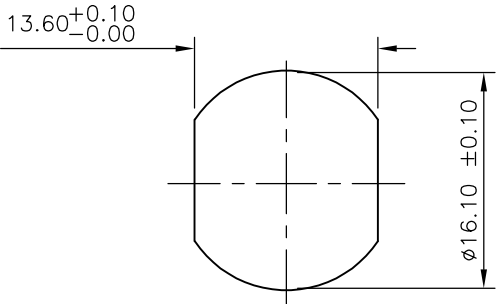
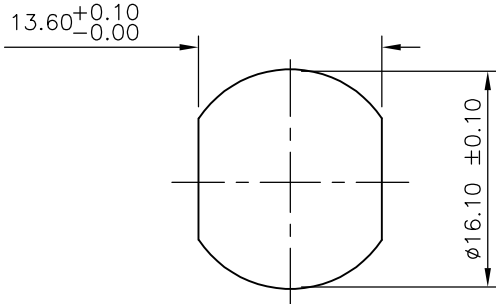
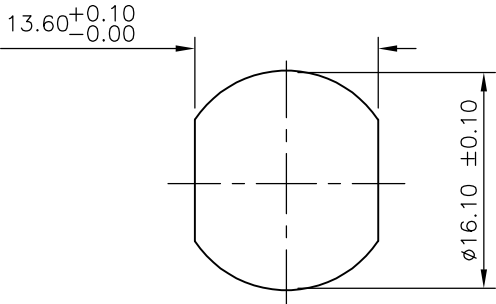
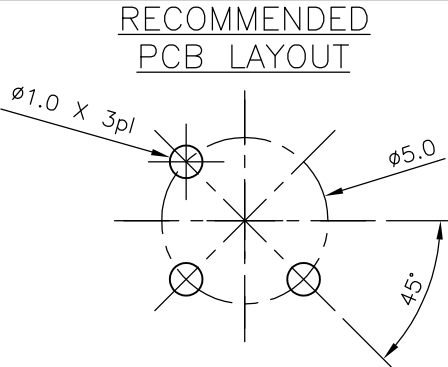
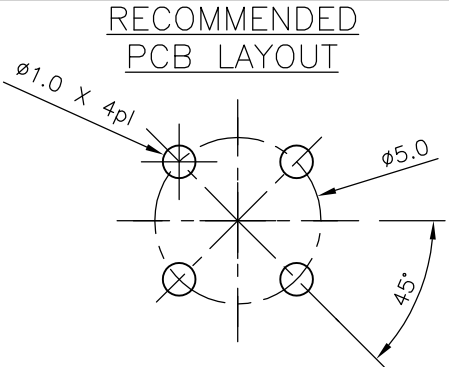
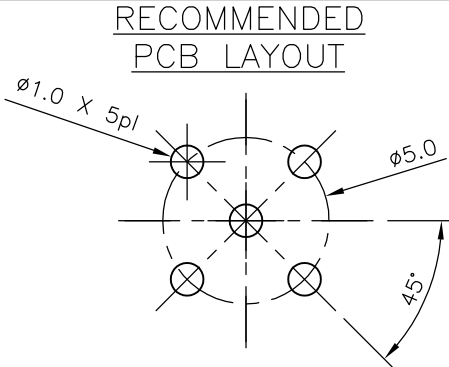
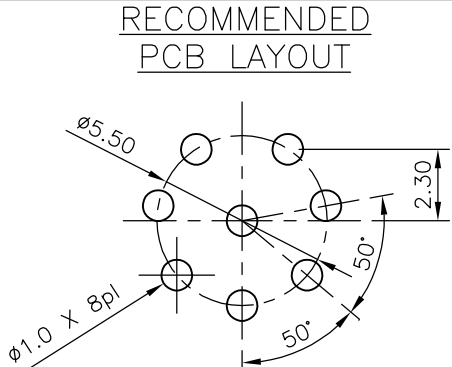
4

3

2

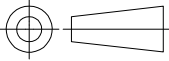
1

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

1838894-1	1838894-2	1838894-3	1838894-4
<p>PIN ASSIGNMENTS FRONT VIEW</p> 	<p>PIN ASSIGNMENTS FRONT VIEW</p> 	<p>PIN ASSIGNMENTS FRONT VIEW</p> 	<p>PIN ASSIGNMENTS FRONT VIEW</p> 
<p>RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 4.5mm)</p> 	<p>RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 4.5mm)</p> 	<p>RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 4.5mm)</p> 	<p>RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 4.5mm)</p> 
<p>RECOMMENDED PCB LAYOUT</p> 	<p>RECOMMENDED PCB LAYOUT</p> 	<p>RECOMMENDED PCB LAYOUT</p> 	<p>RECOMMENDED PCB LAYOUT</p> 

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
05MAR07

CHK
F.Wheeler-King
08MAR07

APVD
F.Wheeler-King
08MAR07

PRODUCT SPEC
—

APPLICATION SPEC
—

WEIGHT
—

CUSTOMER DRAWING

Tyco Electronics Corporation
Bideford, UK, EX39 4HE

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

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-1838894

RESTRICTED TO
—

SCALE
NTS

SHEET
2 OF 2

REV
C