

LOC	DIST	REVISIONS					
E	B	P	LTR	DESCRIPTION		DATE	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:

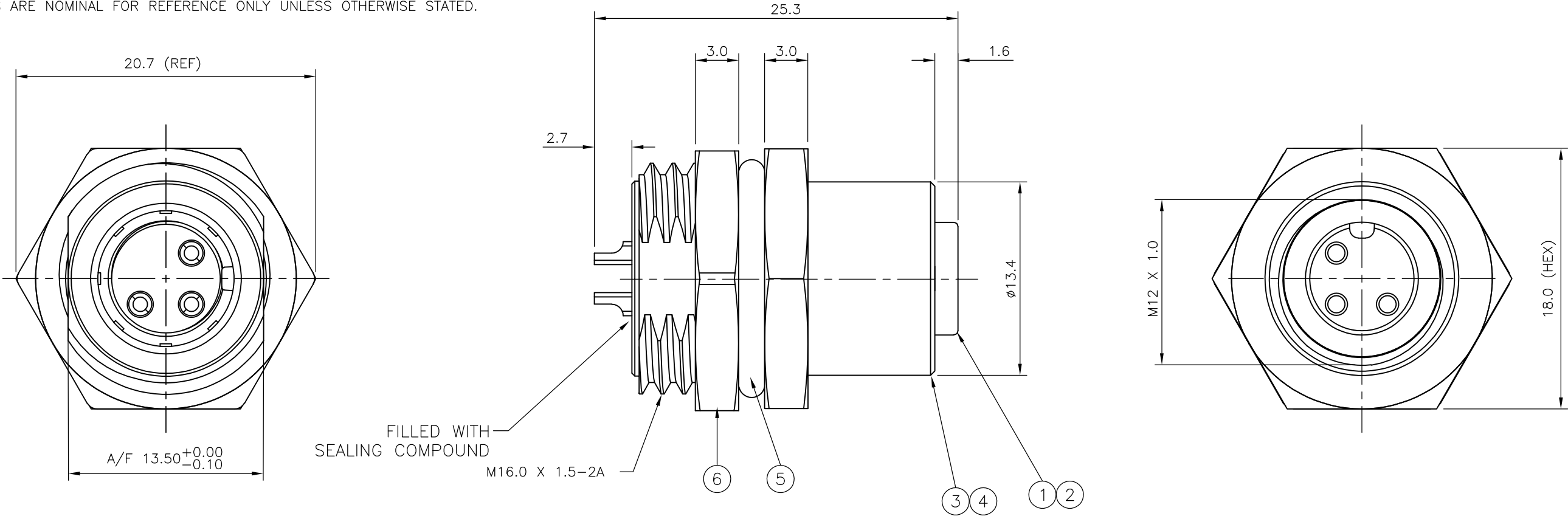
108-3641
4. PACKAGING:

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	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, SOLDER, STRAIGHT, REAR (HEXAGONAL) MOUNTING	8	1838891-4
M12 METAL FEMALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (HEXAGONAL) MOUNTING	5	1838891-3
M12 METAL FEMALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (HEXAGONAL) MOUNTING	4	1838891-2
M12 METAL FEMALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (HEXAGONAL) MOUNTING	3	1838891-1
DESCRIPTION	NO. OF POS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A.Morey	22FEB06	tyco Electronics Tyco Electronics Corporation Bideford, UK, EX39 4HE		
		CHK F.Wheeler-King	01MAR07			
		APVD F.Wheeler-King	01MAR07	NAME M12 METAL FEMALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (HEXAGONAL) MOUNTING		
		PRODUCT SPEC —				
		APPLICATION SPEC —				
		WEIGHT —		SIZE A3	CAGE CODE 00779	DRAWING NO C-1838891
		CUSTOMER DRAWING		SCALE NTS	SHEET 1 OF 2	REV C

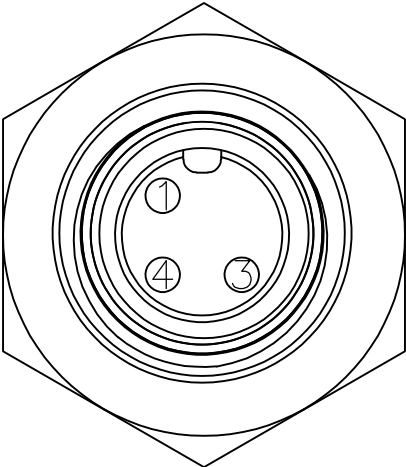
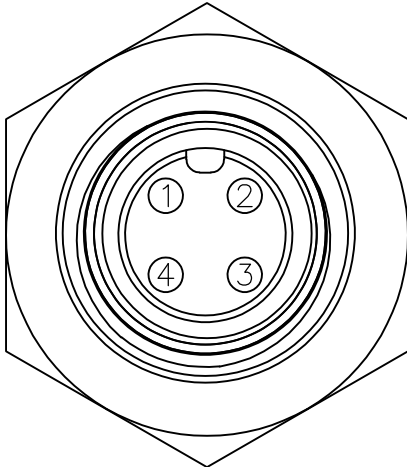
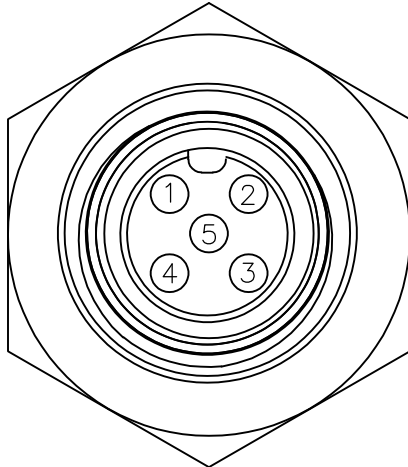
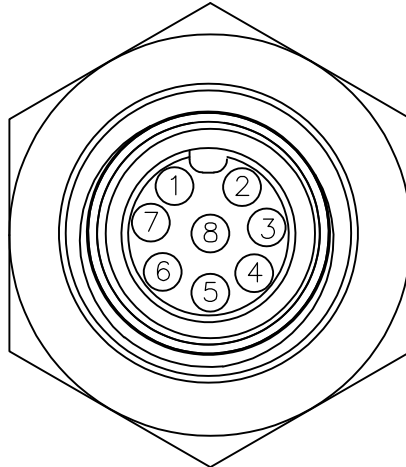
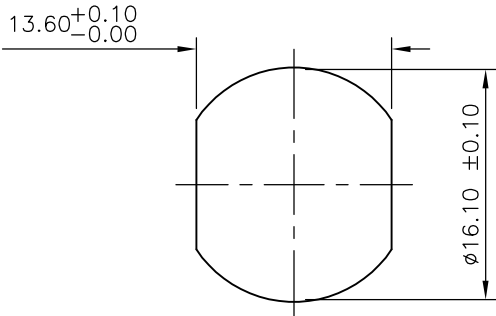
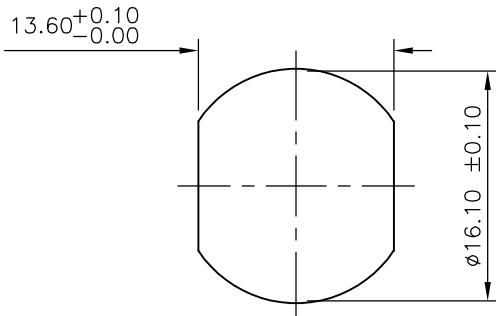
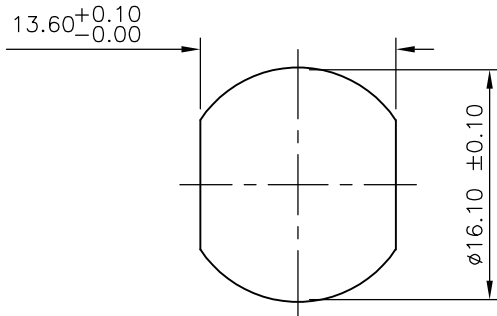
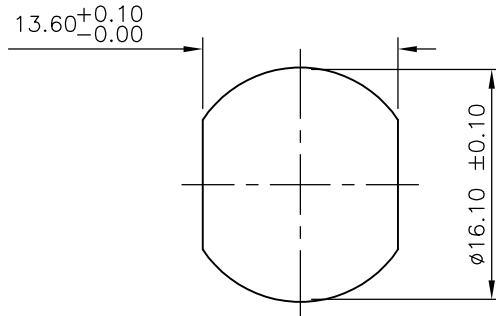
4

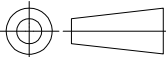
3

2

1

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

1838891-1	1838891-2	1838891-3	1838891-4
PIN ASSIGNMENTS FRONT VIEW 	PIN ASSIGNMENTS FRONT VIEW 	PIN ASSIGNMENTS FRONT VIEW 	PIN ASSIGNMENTS FRONT VIEW 
RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 4.5mm) 	RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 4.5mm) 	RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 4.5mm) 	RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 4.5mm) 

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN A.Morey	28FEB07	Tyco Electronics Corporation			
	CHK F.Wheeler-King	01MAR07	Bideford, UK, EX39 4HE			
	APVD F.Wheeler-King	01MAR07	NAME			
	PRODUCT SPEC	—	M12 METAL FEMALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (CIRCULAR) MOUNTING			
	APPLICATION SPEC	—	—			
DIMENSIONS: mm			SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
			A3	00779	C-1838891	—
MATERIAL	FINISH		CUSTOMER DRAWING			
—	—		SCALE	NTS	SHEET 2 OF 2	REV C