

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

09MAR ,2006.

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

A

FIRST ISSUE

22FEB06

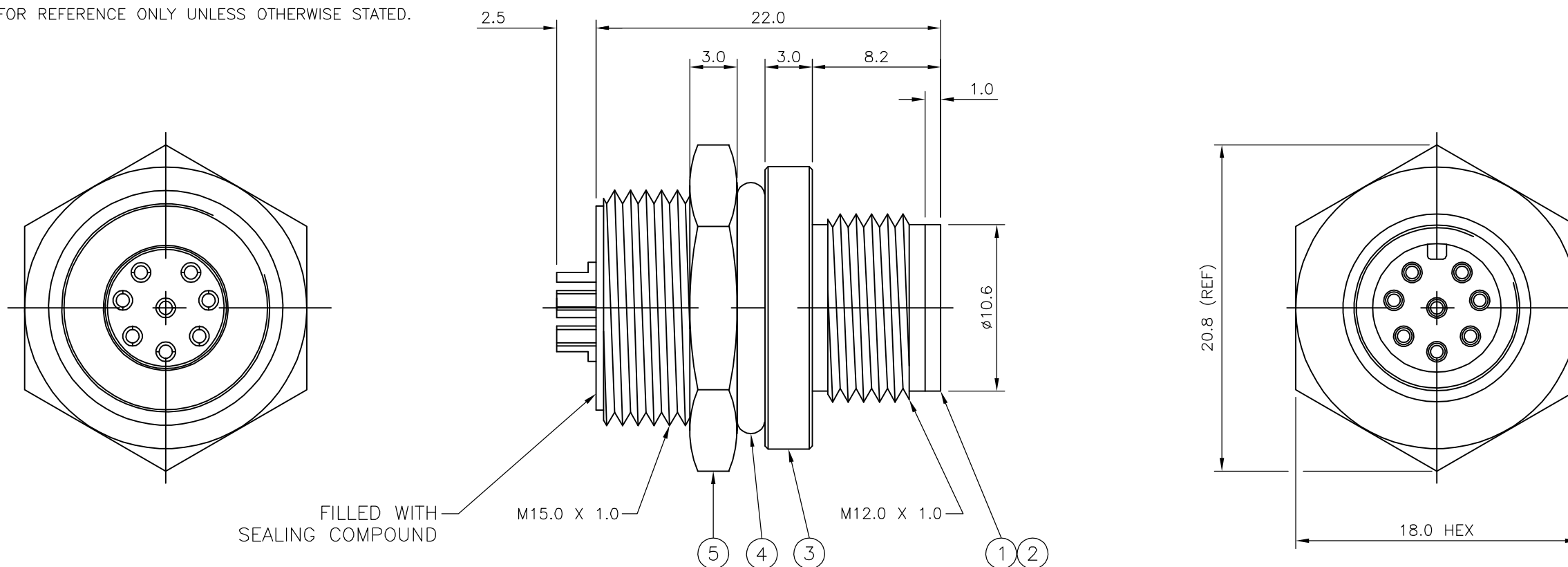
MTN

FWK

NOTES:

- 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
- ENVIRONMENTAL: OPERATING TEMPERATURE: -25°C TO +90°C
SEALING REQUIREMENTS: IP67
- PROD SPEC: 108-3641
- PACKAGING: 107-3334
- FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE.
- 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	BRASS	NICKEL PLATED	1	1	1	1
4	'O' RING	EPDM	BLACK	1	1	1	1
5	SCREW NUT	BRASS	2.5µm NICKEL PLATED	1	1	1	1



M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (CIRCULAR) MOUNTING	8	1838418-4
M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (CIRCULAR) MOUNTING	5	1838418-3
M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (CIRCULAR) MOUNTING	4	1838418-2
M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (CIRCULAR) MOUNTING	3	1838418-1
DESCRIPTION	NO. OF POS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A.Morey	09MAR06	tyco Electronics Tyco Electronics Corporation Bideford, UK, EX39 4HE		
DIMENSIONS: mm		CHK F.Wheeler-King	12APR06			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD F.Wheeler-King	12APR06	NAME M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (CIRCULAR) MOUNTING		
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC —		SIZE A3		
MATERIAL —		APPLICATION SPEC —		CAGE CODE 00779		
FINISH —		WEIGHT —		DRAWING NO C-1838418		
		CUSTOMER DRAWING		RESTRICTED TO —		
				SCALE NTS		
				SHEET 1 OF 2		
				REV A		

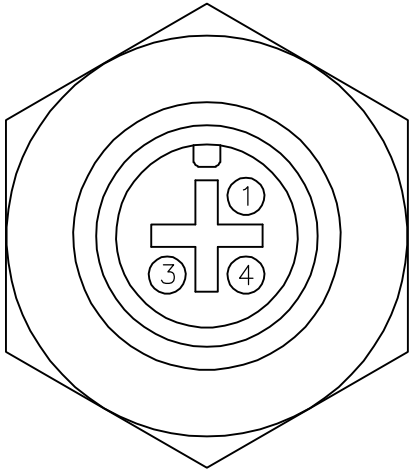
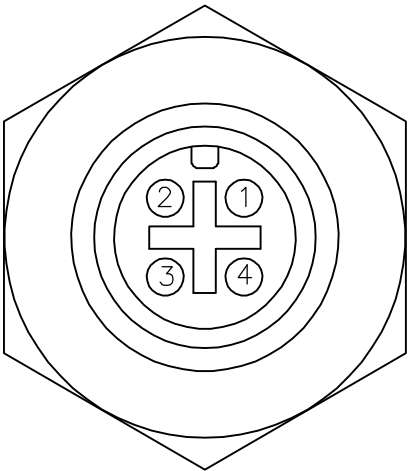
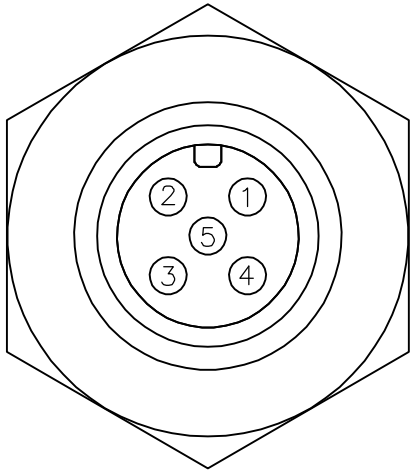
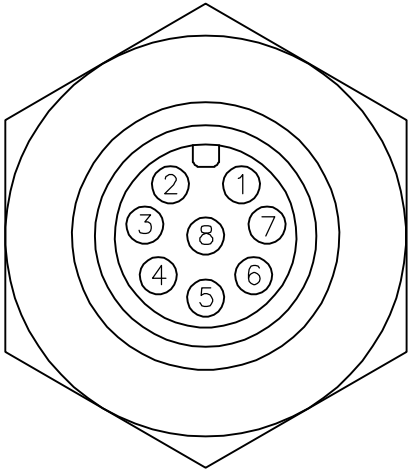
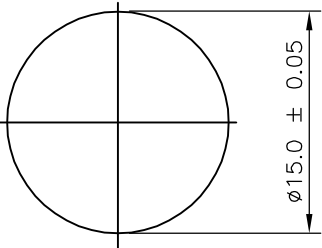
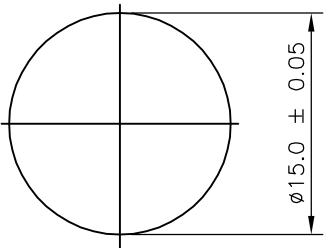
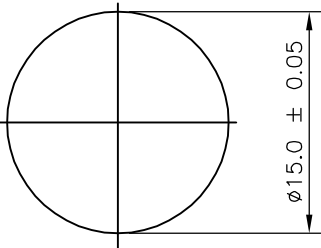
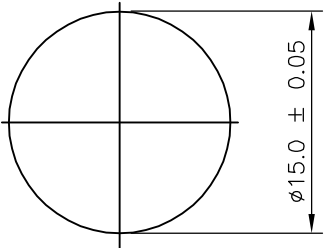
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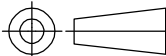
3

2

1

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

1838418-1	1838418-2	1838418-3	1838418-4
<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 6.0mm)</div> 	<div>RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 6.0mm)</div> 	<div>RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 6.0mm)</div> 	<div>RECOMMENDED PANEL CUT-OUT (MAX PANEL THICKNESS 6.0mm)</div> 

<div>THIS DRAWING IS A CONTROLLED DOCUMENT.</div> <div>DIMENSIONS: mm</div> <div></div> <div>MATERIAL —</div>		<div>TOLERANCES UNLESS OTHERWISE SPECIFIED:</div> <div>0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± — FINISH —</div>		DWN A.Morey 09MAR06		Tyco Electronics Corporation Bideford, UK, EX39 4HE				
				CHK F.Wheeler—King 12APR06						
				APVD F.Wheeler—King 12APR06		NAME M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (CIRCULAR) MOUNTING				
				PRODUCT SPEC —		SIZE A3	CAGE CODE 00779	DRAWING NO C=1838418	RESTRICTED TO —	
				APPLICATION SPEC —						
WEIGHT —				CUSTOMER DRAWING				SCALE NTS	SHEET 2 OF 2	REV A