![TE connectivity]

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1838292-3 Product Details

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1838292-3

TE Internal Number: 1838292-3

✅ Active

📄 View 3D PDF

M8/M12 Connector System

🍃 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Cable Assembly
- Plug
- Single Ended Configuration
- Wire Size = 0.34 (22 AWG) mm² [AWG]
- With Environmental Protection

View all Features

Quick Links

- ▶ Pricing & Availability
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- ▶ Product Feature Selector
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Documentation & Additional Information

Product Drawings:
- M8 RIGHT ANGLED MALE CONNECTOR WITH STRAIN RELIEF 4 ... (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- None Available

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version B)
- 3D Model (IGES, Version B)
- 3D Model (STEP, Version B)

Additional Information:
- Product Line Information

Related Products:
- Tooling

List all Documents

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:
- Product Type = Cable Assembly
- Connector Type = Plug
- Wire Size (mm² [AWG]) = 0.34 (22 AWG)
- Thread Size = M8
- Mount Angle = Right Angle
- LED = Without

Dimensions:
- Cable Length (M [ft]) = 5.00 [16.404]

Body Features:
- Cable Color = Black
- Connector Color = Black
- Insulation Material = PVC
- Wire Color = Brown, White, Blue, Black

Configuration Features:
- Configuration = Single Ended
- Environmental Protection = With
- Number of Positions = 4
- Shielded = No

Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Operation/Application:
- Application = Sensors

Packaging Features:
- Packaging Quantity = 20

Other:
- Brand = TE Connectivity

Corporate Information

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RELEASED FOR PUBLICATION   MARCH .2006.

LOC	DIST			REVISIONS			
E	B	P	LTR	DESCRIPTION	DATE	DWN	APVD
			B	ECR-07-010734	08/05/07	AM	FWK
			B1	ECR-10-015172	13AUG10	RK	JK

NOTES:

1. ELECTRICAL DATA:
   - CONTACT RESISTANCE: 10 mOhm MAX
   - INSULATION RESISTANCE: 100 MOhm MIN at 500VDC
   - CURRENT RATING: 5 AMPS
   - BREAKDOWN VOLTAGE: 500 VAC MIN PER MINUTE

2. ENVIRONMENTAL:
   - OPERATING TEMPERATURE: −20°C TO +80°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	QTY
1	SCREW NUT	ZINC DIE CAST	2.5µm NICKEL PLATED	1
2	CONNECTOR BODY	POLYURETHANE	BLACK	1
3	PIN CONTACT	BRASS	0.15µm GOLD OVER NICKEL	4
4	4 CORE CABLE (CORES 22AWG TO UL2464)	PVC JACKET UV RESISTANT	BLACK	1

PIN ASSIGNMENTS FRONT VIEW

PIN	WIRE COLOUR
4	BLACK
3	BLUE
2	WHITE
1	BROWN

'A'±'B'

20.7

25.5

Ø10.5

M8.0 X 1.0

Ø5.0
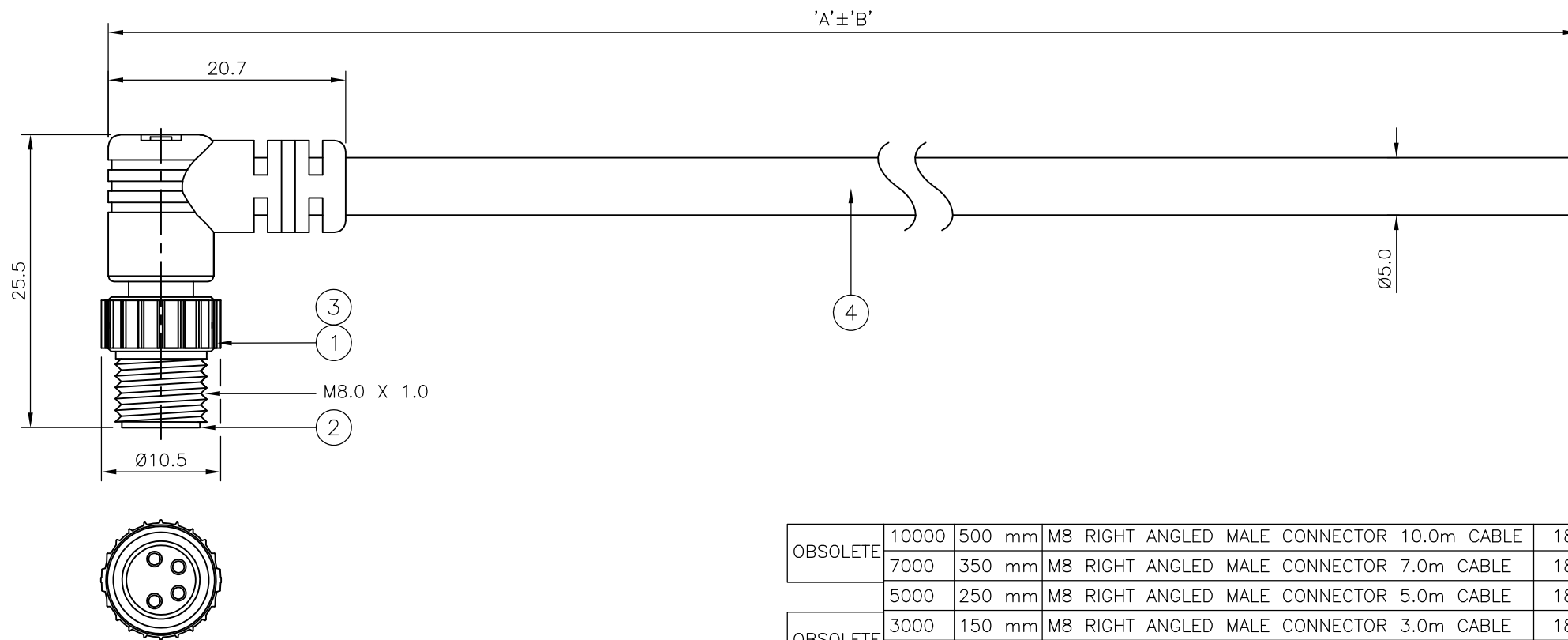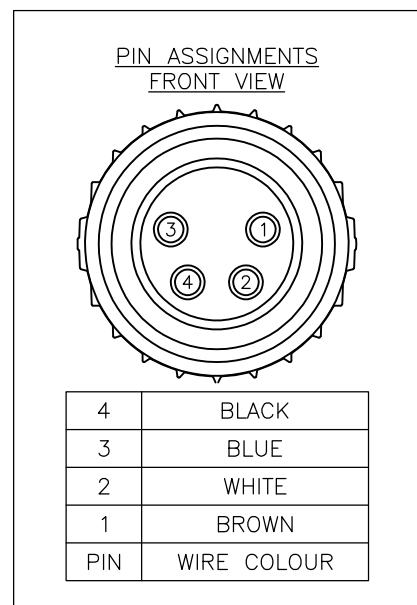
OBSOLETE	10000	500 mm	M8 RIGHT ANGLED MALE CONNECTOR 10.0m CABLE	1838292−5
	7000	350 mm	M8 RIGHT ANGLED MALE CONNECTOR 7.0m CABLE	1838292−4
	5000	250 mm	M8 RIGHT ANGLED MALE CONNECTOR 5.0m CABLE	1838292−3
OBSOLETE	3000	150 mm	M8 RIGHT ANGLED MALE CONNECTOR 3.0m CABLE	1838292−2
	2000	100 mm	M8 RIGHT ANGLED MALE CONNECTOR 2.0m CABLE	1838292−1
	DIM A	TOL 'B'	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN 29MAR06	MANJUNATH.T.N
CHK 07AUG06	F.WHEELER−KING
APVD 07AUG06	F.WHEELER−KING

Tyco Electronics
Tyco Electronics Corporation
Bideford, UK, EX39 4HE

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC	± −
1 PLC	± −
2 PLC	± −
3 PLC	± −
4 PLC	± −
ANGLES	± −

PRODUCT SPEC —

APPLICATION SPEC —

MATERIAL —   FINISH —

WEIGHT —

NAME

M8 RIGHT ANGLED MALE CONNECTOR WITH
STRAIN RELIEF 4 POSITION, PVC CABLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C−1838292	—

CUSTOMER DRAWING

SCALE	SHEET		REV
NTS	1 OF 1		B1

AMP 1470−19 REV 31MAR2000