

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION			DATE	APVD
					DWN	
	B	ECR-07-011927			17/05/07	FWK

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: -25°C TO +90°C

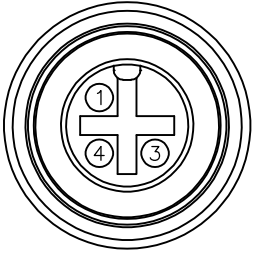
SEALING REQUIREMENTS: IP67
3. PROD SPEC:

108-3641
4. PACKAGING:

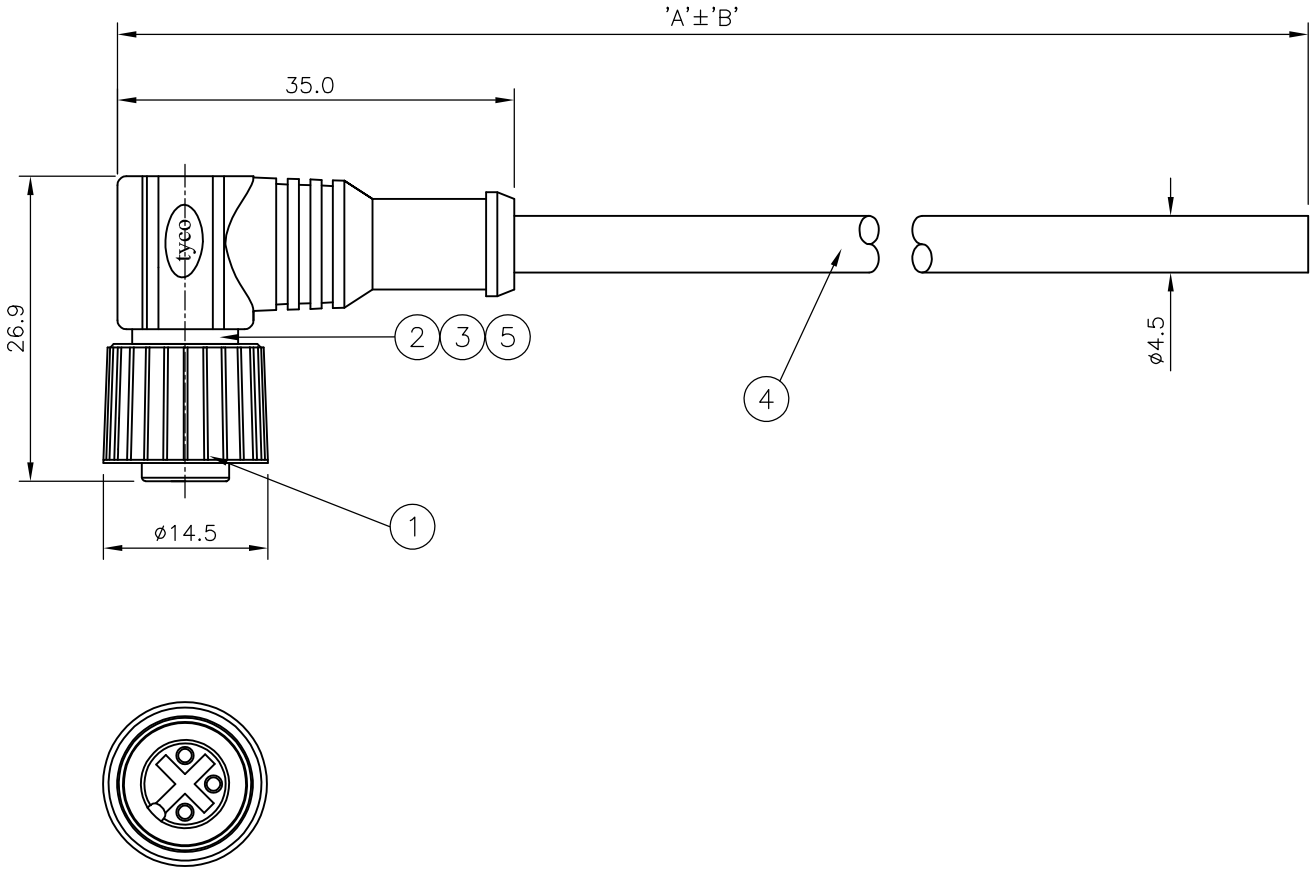
107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

ITEM	DESCRIPTION	MATERIAL	FINISH/COLOUR	QTY
1	SCREW NUT	ZINC DIE CAST	2.5µm NICKEL PLATED	1
2	CONNECTOR BODY	POLYURETHANE	BLACK	1
3	SOCKET CONTACT	BRASS	0.15µm GOLD PLATED OVER NICKEL	3
4	3 CORE CABLE (CORES 0.34 mm ²)	PU JACKET	BLACK	1
5	'O' RING	VITON	GREEN	1

PIN ASSIGNMENTS
FRONT VIEW



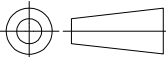
4	BLACK
3	BLUE
1	BROWN
PIN	WIRE COLOUR



10000	500 mm	M12 RIGHT ANGLED FEMALE CONNECTOR 10.0m CABLE	1838255-5
7000	350 mm	M12 RIGHT ANGLED FEMALE CONNECTOR 7.0m CABLE	1838255-4
5000	250 mm	M12 RIGHT ANGLED FEMALE CONNECTOR 5.0m CABLE	1838255-3
3000	150 mm	M12 RIGHT ANGLED FEMALE CONNECTOR 3.0m CABLE	1838255-2
2000	100 mm	M12 RIGHT ANGLED FEMALE CONNECTOR 2.0m CABLE	1838255-1
DIM A	TOL 'B'	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± -
4 PLC	± -
ANGLES	± -
FINISH	± -

MATERIAL

-

DWN
H M RAGHAVENDRA
CHK
F.WHEELER-KING
APVD
F.WHEELER-KING
PRODUCT SPEC
-
APPLICATION SPEC
-
WEIGHT
-

22AUG05
07AUG06
07AUG06

 Tyco Electronics Corporation
Bideford, UK, EX39 4HE

NAME
M12 RIGHT ANGLED FEMALE CONNECTOR
3 POSITION, PU CABLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1838255	-

CUSTOMER DRAWING

SCALE
NTS

SHEET
1 OF 1

REV
B