

6 5 4 3 2 1

**MATERIAL NUMBER**  
**OLD PART NUMBER**

120102-0002 B05S06

FACE VIEW

M12x1 EXTERNAL THD. 2.09 [53.0] REF.

NOTE: CONNECTOR IS FULLY SHIELDED

WIRING SCHEMATIC

VOLTAGE RATING	250 VAC/VDC
AMPERAGE RATING	3 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	-25°C TO 80°C

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	NYLON	BLACK
2	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
3	COUPLNG NUT	BRASS	NICKEL PLATED
4	OVERMOLD	PVC	YELLOW
5	RESISTOR(R1)	390 OHM 1/4 WATT	
6	RESISTOR(R2)	220 OHM 1/4 WATT	
7	RESISTOR(R3)	390 OHM 1/4 WATT	

RELEASED DRAWING  
EC NO: WNA2010-0152  
DRWN: LHARTMAN 8/28/09  
CHKD: BWOODMAN 09/08/28  
APPR: JFMURPHY 2009/08/31

QUALITY SYMBOLS  
▽=0  
▽C=0

DESCRIPTION  
REV A

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±---	±.01
1 PLACE	±0.3	±----

ANGULAR ±----°

DRAFT WHERE APPLICABLE  
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE IN/MM

SCALE

DESIGN UNITS

THIRD ANGLE PROJECTION

DRAWN BY DATE  
LHARTMAN 2009/08/28

CHECKED BY DATE  
BWOODMAN 2009/08/28

APPROVED BY DATE  
JFMURPHY 2009/08/28

MATERIAL NO.

SEE CHART

SIZE A

TITLE  
MICRO-CHANGE TERMINATOR  
5P FEMALE PROFIBUS

MOLEX INCORPORATED

DOCUMENT NO. SD-120102-001

SHEET NO. 1 OF 1

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