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MATERIAL NUMBER	OLD PART NUMBER
130047-0018	E1AS06-52

D.D. CABLE RANGE
.22-.28/5.5-7.2

MALE FACE VIEW

1	WHITE/ORANGE (TD+)
2	WHITE/GREEN (RD+)
3	ORANGE (TD-)
4	GREEN (RD-)

ETHERNET/IP & TIA-1005
WIRING CHART

1	YELLOW (TD+)
2	WHITE (RD+)
3	ORANGE (TD-)
4	BLUE (RD-)

PROFINET WIRING CHART

VOLTAGE RATING	50VAC/VDC
AMPERAGE RATING	4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	-25°C TO 85°C

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	NYLON	GRAY
2	CONTACTS	COPPER ALLOY	GOLD PLATED
3	O-RING	NITRILE	GREEN
4	COUPLING NUT	ZINC DIE-CAST	
5	CONDUCTOR CARRIER	NYLON	GRAY
6	GROMMET	NITRILE	BLACK
7	RING	COPPER ALLOY	NICKEL PLATED
8	SHELL	ZINC DIE-CAST	

EC NO: WNA209-0687 DRWN: BWOODMAN 4/16/09 CHKD: JM APPR: JFMURPHY 2009/04/17	DESCRIPTION	QUALITY SYMBOLS
		$\nabla=0$ $\nabla C=0$
A	REV	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	INCH
4 PLACES	±----
3 PLACES	±----
2 PLACES	±.01
1 PLACE	±0.3
ANGULAR ±----°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
BW	2009/04/16
CHECKED BY	DATE
TW	2009/04/17
APPROVED BY	DATE
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MATERIAL NO.	SEE CHART
SIZE	A

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
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TITLE		
M12 4P MALE ATTACHABLE D-CODING ETHERNET 2PR		

molex MOLEX INCORPORATED		
DOCUMENT NO.	SD-130047-001	SHEET NO.
		1 OF 1
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