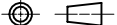


Technical drawing of the 1000 Series 1/2" tool. The drawing shows two views: a side view and a front view. The side view is on the left, showing a vertical tool with a dimension line indicating a height of (27.4). The front view is on the right, showing a circular tool head with a 45° angle indicated. The tool has a textured grip and a central cutting edge.

Technical drawing of a 3000W electric heater. The heater has a cylindrical body with a flared base and a threaded top section. A label on the side indicates '3000W' and '230V/50Hz'. The drawing includes a dashed line representing the internal heating element and a cross-section view on the right showing the internal structure.

CONNECTIONS

DOCUMENT STATUS	P1	RELEASE DATE	2024/07/02 09:17:56			
FORMAT master: B, no-A3 REVISION: J1 DATE: 2024-07-01	10	9	8	7	6	

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FA = 0 FE = 0 FE = 0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO END TO END. UPDATED NOTES AND PART LIST SORTED USING CABLE TYPES IN SHEET 3		molex									
		mm		1:1													
		GENERAL TOLERANCES (UNLESS SPECIFIED)						CSE M12 XP AC FE RA WSOR MA STR XM DE									
		ANGULAR TOL ± 1.0°															
		4 PLACES		±													
3 PLACES		±		EC NO: 789428		2023/03/10		PRODUCT CUSTOMER DRAWING									
2 PLACES		± 0.05		DRWN: AKABADI													
1 PLACE		± 0.1		CHK'D: RSILLER								2024/07/02					
0 PLACES		± 0.2		APPR: RSILLER		2024/07/02		DOCUMENT NUMBER 1200668999									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 120066						MATERIAL NUMBER SEE SHEET 3		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 3	

SHEET NUMBER
1 OF 3

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

88X031XXXXXX

88=M12x1
Double ended

Poles:
3=3 Poles
4=4 Poles
5=5 Poles
8=8 Poles

Heads style:
031=Plug Female 90°
to Plug Male Straight

Cable type: See Table

Units:
M=Meter
C=Centimeter
T=10x Meter

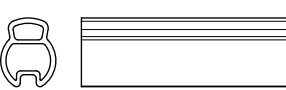
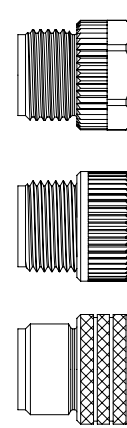
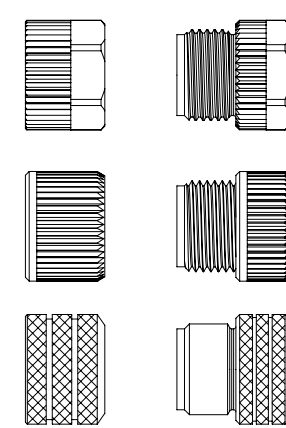
Length
Examples:
005=0.5 units
010=1 units
020=1 units
050=5 units
100=10 units
150=15 units
200=20 units

Overmold color:
Blank (Standard)=Black
A=Grey / G=Black / Y=Yellow / R=Red

Coupling Nut:
Blank (Standard)=Knurled/Hex Brass, Ni Plated
5=Knurled Derlin
7=Knurled Brass Ni Plated, Teflon Coated

H= 2 pcs. of I/D Carrier PVC Transparent
(Cable B36 always with
2 pcs. I/D Carrier)

FEMALEMALE



CABLE INFORMATION (for more information see Cable Data Sheet).

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN: TEMP. / BENDING RADIUS	DRAG CHAIN	CABLE PRODUCT SPECIFICATION	CABLE SPEC. DRAWING
B30	3 / 4 / 5	0.34mm²	TPU Black	UL 21215/758	C22.2 I/II A/B 80°/600V	-40°C to +90°C 5xO.D.	-25°C to +80°C 7.5xO.D.	-5°C to +60°C 7.5xO.D.	up to 5 000 000 cycles at temp 20°C	1552200001	SD-120209-001
B33	4 / 5	0.34mm²	TPU Gray								SD-120209-001
B36	4 / 5	0.34mm²	TPU Orange								SD-120209-001
B41	8	0.25mm²	TPU Black								SD-120209-006
B42	5	0.34mm²	TPU Black								SD-120209-001
B55	4 / 5	0.34mm²	TPU Yellow								n/a

CABLE LENGTH TOLERANCES		
LENGTH	TOLERANCE	
shorter 1m	+40 mm	-0 mm
1m-5m	+60 mm	-0 mm
5m-10m	+80 mm	-0 mm
10m-20m	+140 mm	-0 mm
20m-30m	+160 mm	-0 mm
longer 30m	+1%	-0 mm

FUNCTIONAL SYMBOLS

= 0

= 0

= 0

DIVISIONAL SYMBOLS

DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.1

0 PLACES ± 0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO END TO END. UPDATED NOTES AND PART LIST SORTED USING CABLE TYPES IN SHEET 3

EC NO: 789428
DRWN: AKABADI 2023/03/10
CHK'D: RSILLER 2024/07/02
APPR: RSILLER 2024/07/02

INITIAL REVISION:
DRWN: JMARSZALEK 2016/08/12
APPR: RSILLER 2016/08/29

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

120066

MATERIAL NUMBER

SEE SHEET 3

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 3



CSE M12 XP AC FE RA WSOR MA STR XM DE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200668999

DOC TYPE

PSD

DOC PART

000

REVISION

B

DOCUMENT STATUS

P1

RELEASE DATE

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