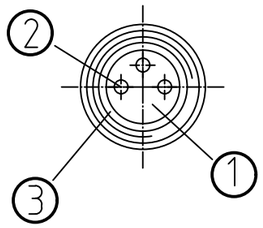
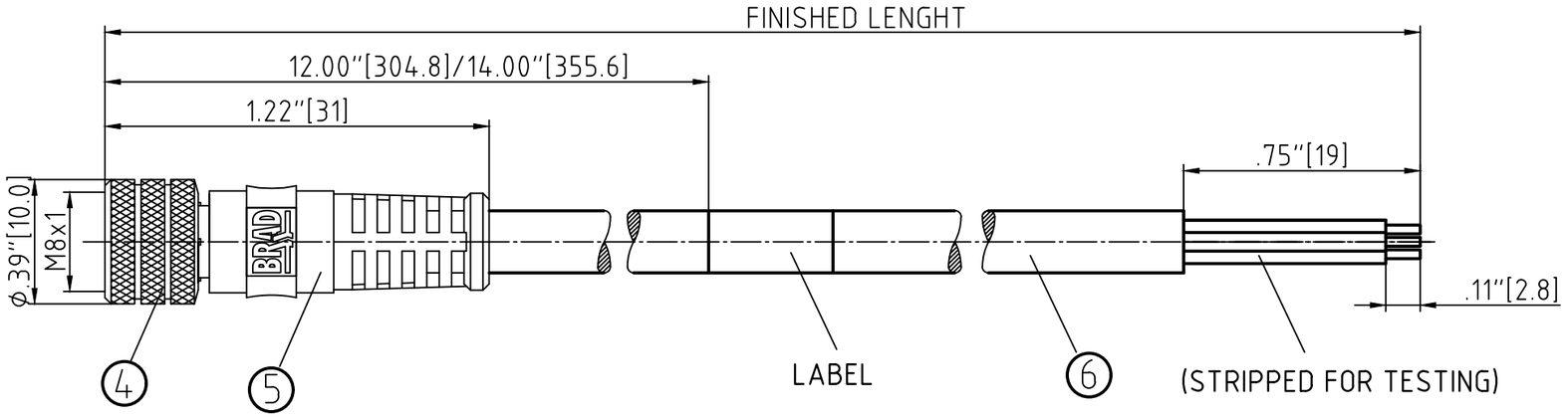
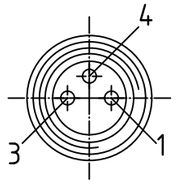
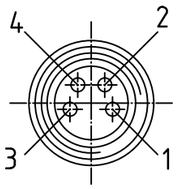
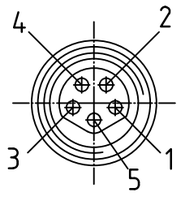
FACE VIEW





FEMALE FACE VIEW

3-POLE	4-POLE	5-POLE
		
1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY

POLE	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGHT IN/MM
3	1200860336	403000B09M020	6.56' +3.50" -0 [2.0M +88.9 -0]
3	1200860115	403000B09M050	16.40' +6.50" -0 [5.0M +165.1 -0]
3	1200860016	403000B09M100	32.81' +12.50" -0 [10.0M +317.5 -0]
4	1200860171	404000B09M020	6.56' +3.50" -0 [2.0M +88.9 -0]
4	1200860173	404000B09M050	16.40' +6.50" -0 [5.0M +165.1 -0]
5	1200860196	405000B09M020	6.56' +3.50" -0 [2.0M +88.9 -0]

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	POLYURETHANE (PUR)	BLACK
2	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	O-RING	VITON	RED
4	COUPLING NUT	BRASS	NICKEL PLATED
5	OVERMOLD	TPE	YELLOW
6	CABLE- 24 AWG, (COPPER STRANDING) 3/4/5 CONDUCT. 300V	JACKET:PUR	YELLOW

CONNECTOR SPECIFICATION:

VOLTAGE RATING	3-4POL:60V/AC 75V/DC 5-POL: 30V/AC 36V/DC
AMPERAGE RATING	3 AMPS
PROTECTION	IP68
OPERATING TEMPERATURE	-25°C TO 80°C
UL CERTIFICATIONS	UL listed, File #E152210
CSA CERTIFICATIONS	CSA CERTIFIED, File LR6837

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: INCH/MM | SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±0.01
1 PLACE	±0.3	±----
0 PLACES	±----	±----
ANGULAR TOL ± ---- °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN #517562

EC NO: 842894
DRWN: PRANAA 2025/12/11
CHK'D: GGA 2025/12/24
APPR: GGA 2025/12/24

INITIAL REVISION:
DRWN: REISSNER 2009/12/22
APPR: NSTAUDIG 2010/01/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120086

molex

NC 3/4/5P FE STR
24AWG PUR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120086-017	PSD	001	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2025/12/24 13:26:12

FORMAT: ACAD-lb-prod-A3
REVISION: C
DATE: 2022/10/04