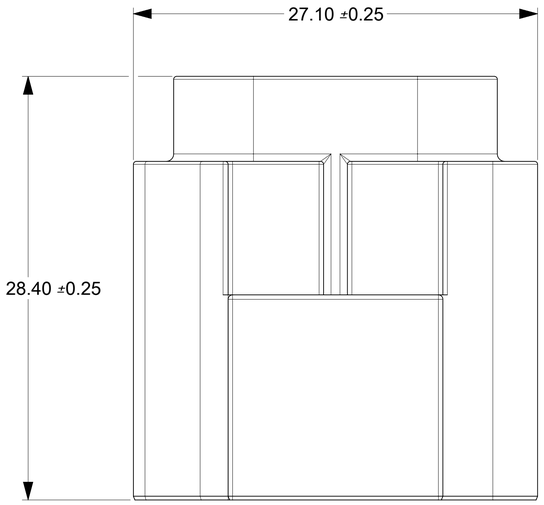
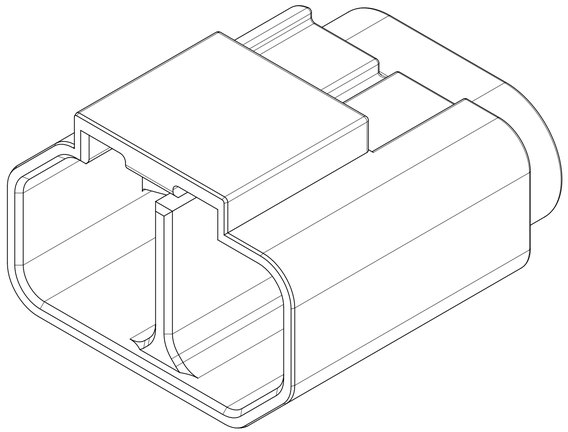
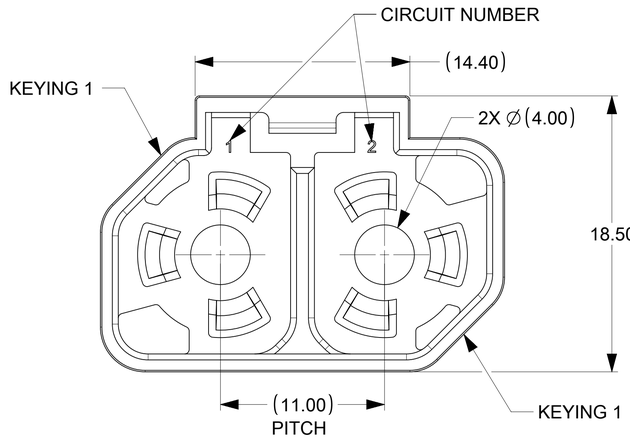
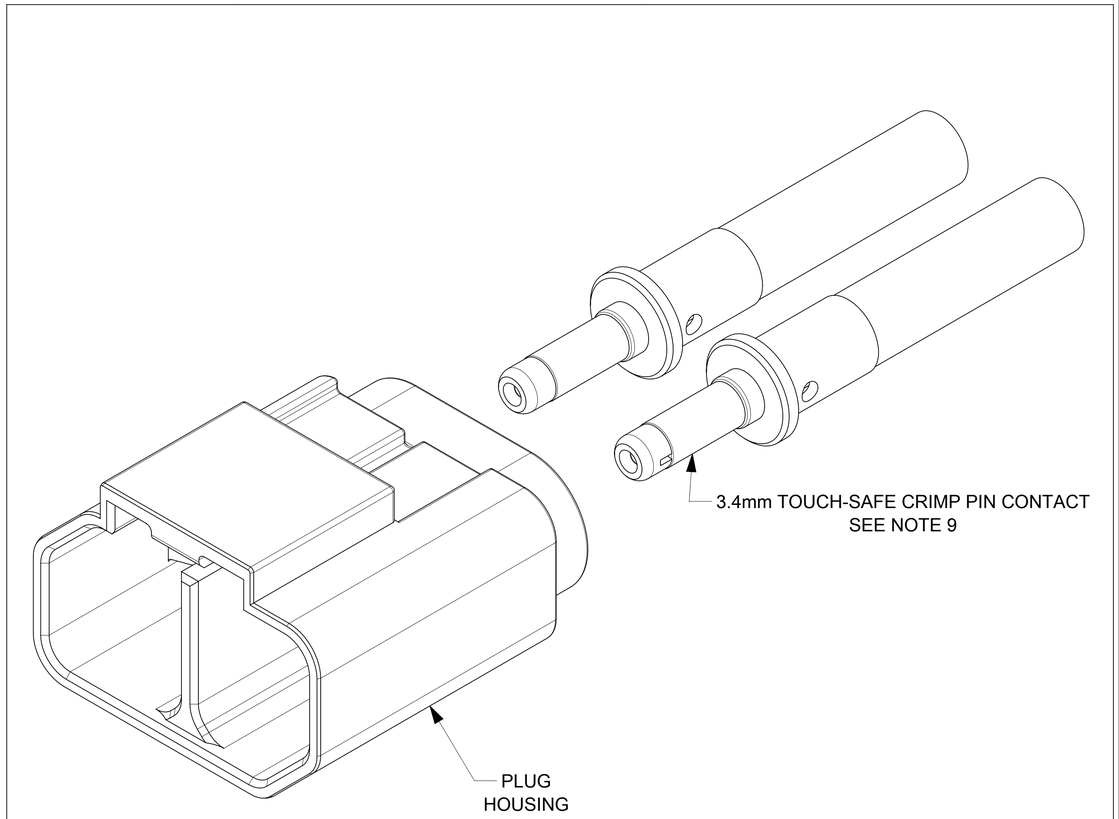
KEYING-1 BLACK COLOR PLUG HOUSING









PART NUMBER	DESCRIPTION	REMARKS
2281860001	PLUG HOUSING	BLACK COLOR/KEYING-1
2281920001--8AWG 2281920002--10AWG	3.4mm TOUCH-SAFE CRIMP PIN CONTACT	REFER SD : 2281920001

NOTES:
1. MATERIAL:
   PLUG HOUSING: PBT, UL94-V0, LOW HALOGEN COMPLIANT.
2. THE COMPONENT IS PACKED IN BULK ACCORDING TO PACKAGING SPECIFICATION 2281860001-PK.
3. PRODUCT SPECIFICATION : 2281860000-PS.
4. APPLICATION SPECIFICATION : 2215971000-AS.
5. TEST SUMMARY : 2281861000-TS.
6. MATES WITH RECEPTACLE ASSEMBLY 221597-XXXX
7. ASSEMBLY MEETS RoHS REQUIREMENT.
8. NO ADDITIONAL TPA REQUIRED TO HOLD THE TERMINALS IN PLUG HOUSING.
9. TOUCH-SAFE CRIMP PIN CONTACT HAS TO BE PURCHASED SEPARATELY.
10. THE PLUG HOUSING HAVE A FINGER-PROOF TOUCH SAFE DESIGN AS PER IEC-60529, AT BOTH THE FRONT & BACK END (SUBJECTED TO CONDUCTOR STRIP LENGTH).

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DIMENSION UNITS	SCALE
mm	5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.2
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 847702
DRWN: PRAJWV2 2026/02/17
CHK'D: MBELLE 2026/03/03
APPR: HTHYAGARAJ 2026/03/06

INITIAL REVISION:
DRWN: PRAJWV2 2025/04/01
APPR: HTHYAGARAJ 2025/05/26

molex

3.4MM POWERWIZE FREE-HANGING PLUG HOUSING

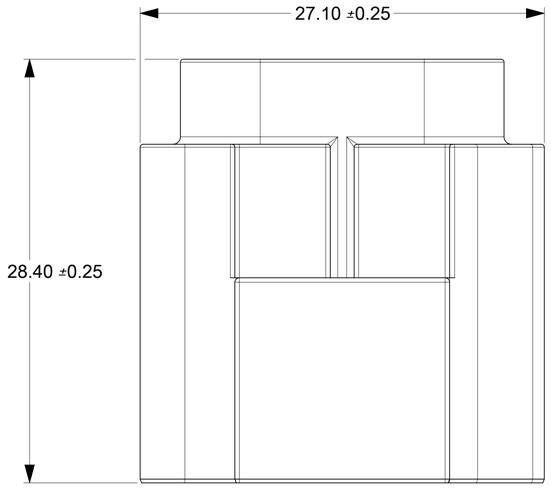
PRODUCT CUSTOMER DRAWING

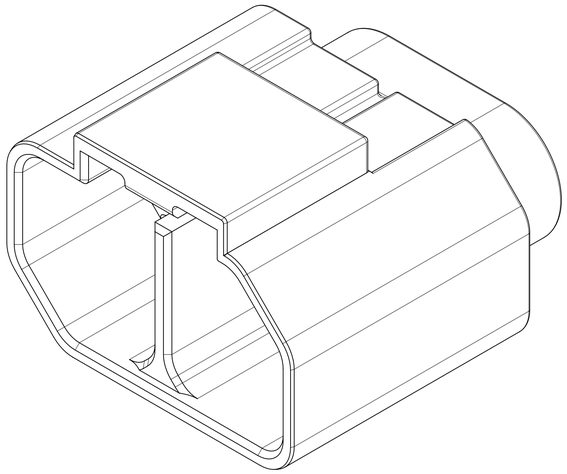
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2281860001	PSD	000	A1

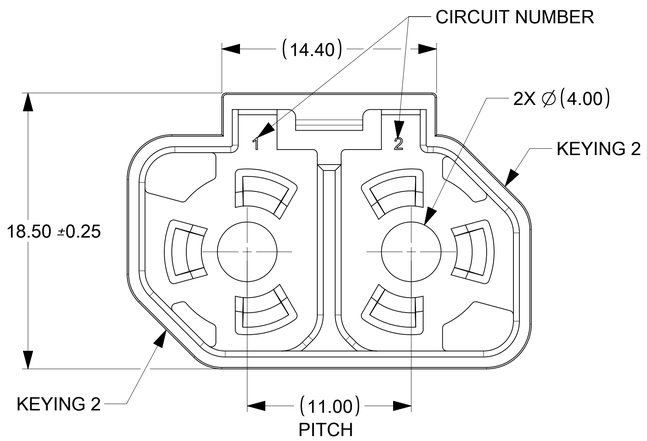
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	228186	SEE TABLE	GENERAL MARKET	1 OF 3

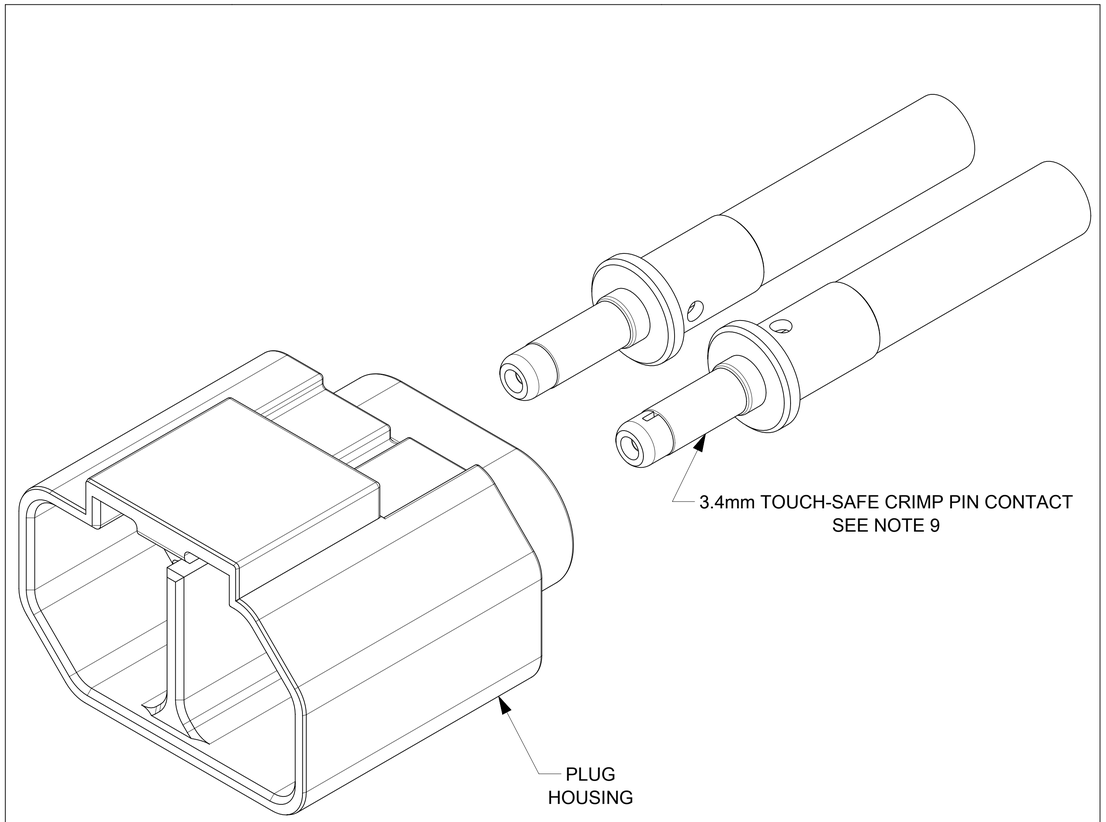
DOCUMENT STATUS	P1	RELEASE DATE	2026/03/16 11:03:43

KEYING-2 NATURAL COLOR PLUG HOUSING









PART NUMBER	DESCRIPTION	REMARKS
2281860002	PLUG HOUSING	NATURAL COLOR/KEYING-2
2281920001--8AWG 2281920002--10AWG	3.4mm TOUCH-SAFE CRIMP PIN CONTACT	REFER SD : 2281920001

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DIMENSION UNITS	mm
SCALE	5:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.2
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 847702
DRWN: PRAJWV2 2026/02/17
CHK'D: MBELLE 2026/03/03
APPR: HTHYAGARAJ 2026/03/06

INITIAL REVISION:
DRWN: PRAJWV2 2025/04/01
APPR: HTHYAGARAJ 2025/05/26

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 228186

molex

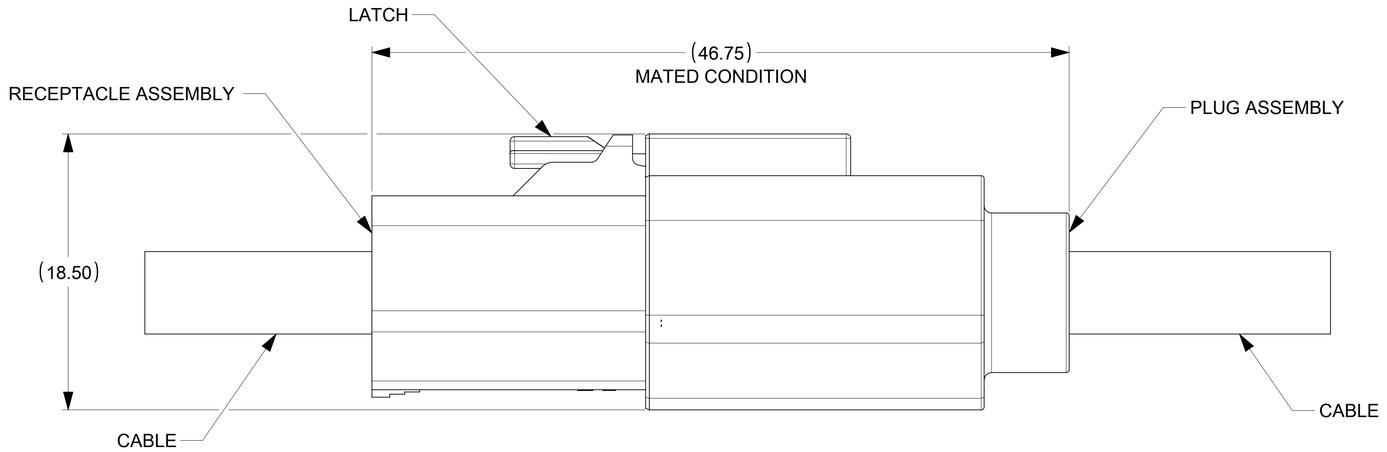
3.4MM POWERWIZE FREE-HANGING PLUG HOUSING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2281860001	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/16 11:03:43



FULLY MATED VIEW OF VERTICAL PLUG ASSEMBLY
WITH RECEPTACLE ASSEMBLY

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

DIMENSION UNITS	SCALE
mm	5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.2
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 847702

DRWN:	PRAJWV2	2026/02/17
CHK'D:	MBELLE	2026/03/03
APPR:	HTHYAGARAJ	2026/03/06

INITIAL REVISION:

DRWN:	PRAJWV2	2025/04/01
APPR:	HTHYAGARAJ	2025/05/26

molex

3.4MM POWERWIZE FREE-HANGING PLUG HOUSING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2281860001	PSD	000	A1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	228186	SEE TABLE	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/16 11:03:43