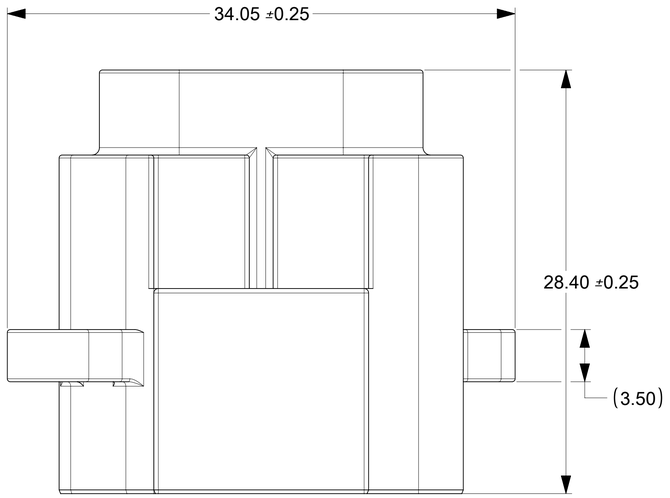
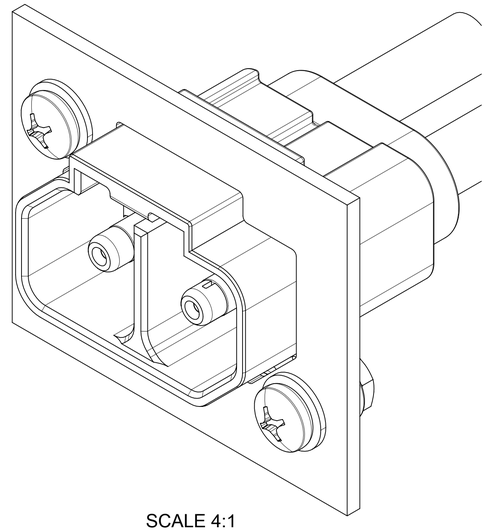
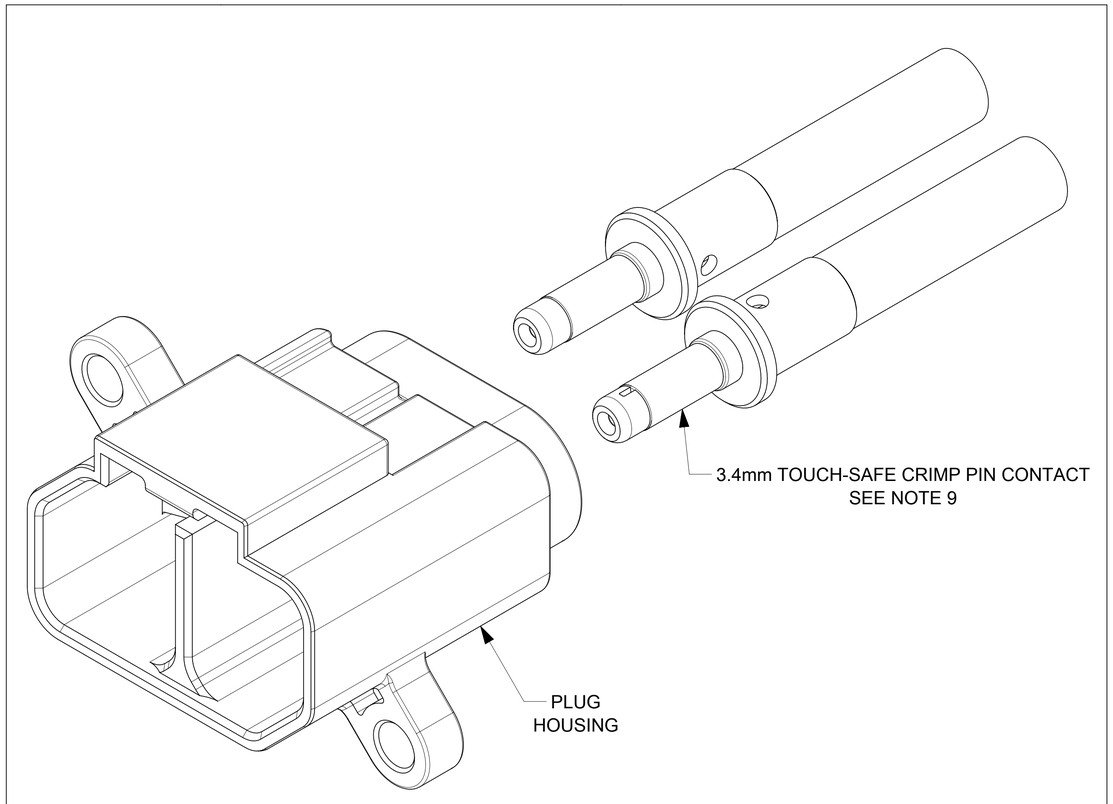
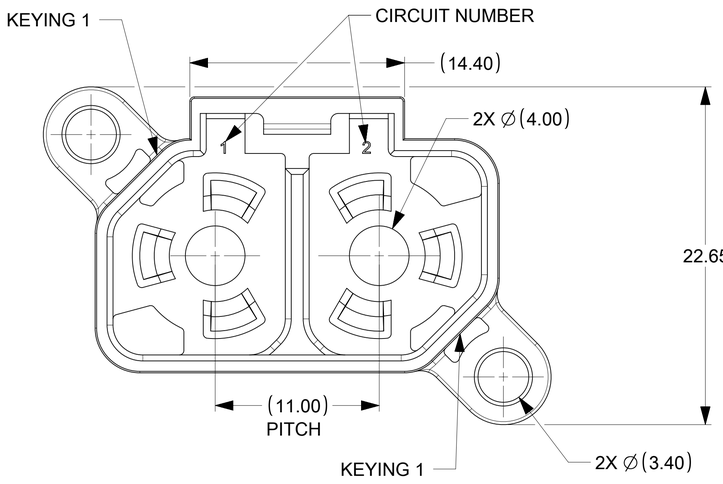
KEYING-1 BLACK COLOR PANEL MOUNT PLUG HOUSING

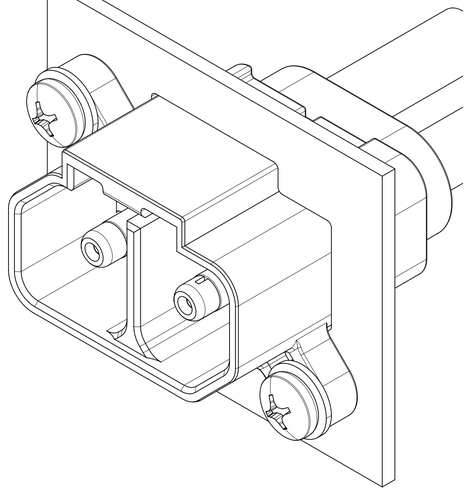




SCALE 4:1
PLUG CONNECTOR MOUNTED TO PANEL OPTION-1







SCALE 4:1
PLUG CONNECTOR MOUNTED TO PANEL OPTION-2

PART NUMBER	DESCRIPTION	REMARKS
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 2281870001-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).
11. M3X0.5 SCREW L= MIN 8mm, M3 nut, M3 WASHER MAX OD=7mm T=0.4mm-0.6mm, HAS TO BE PURCHASED SEPERATELY TO MOUNT THE PLUG CONNECTOR TO PANEL.

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/16 11:03:57

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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 2026/02/19
CHK'D: MBELLE 2026/03/03
APPR: HTHYAGARAJ 2026/03/06

INITIAL REVISION:
DRWN: PRAJWV2 2025/03/18
APPR: HTHYAGARAJ 2025/05/26

molex

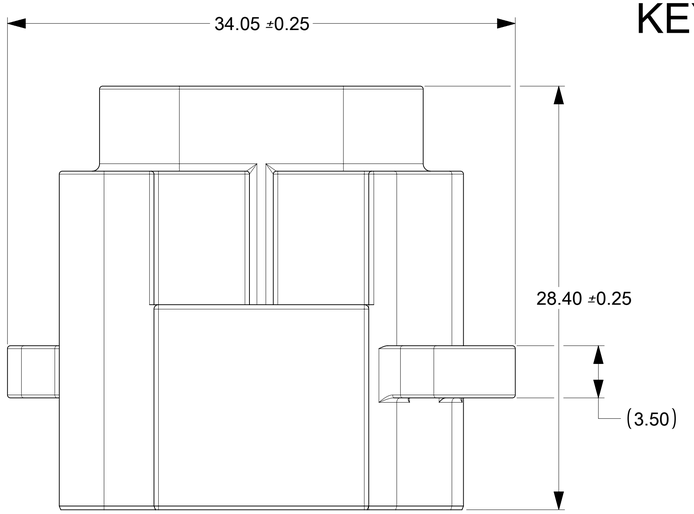
3.4MM POWERWIZE PANEL MOUNT PLUG HOUSING

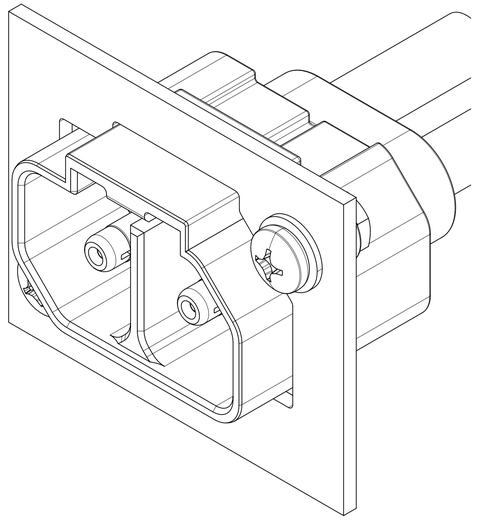
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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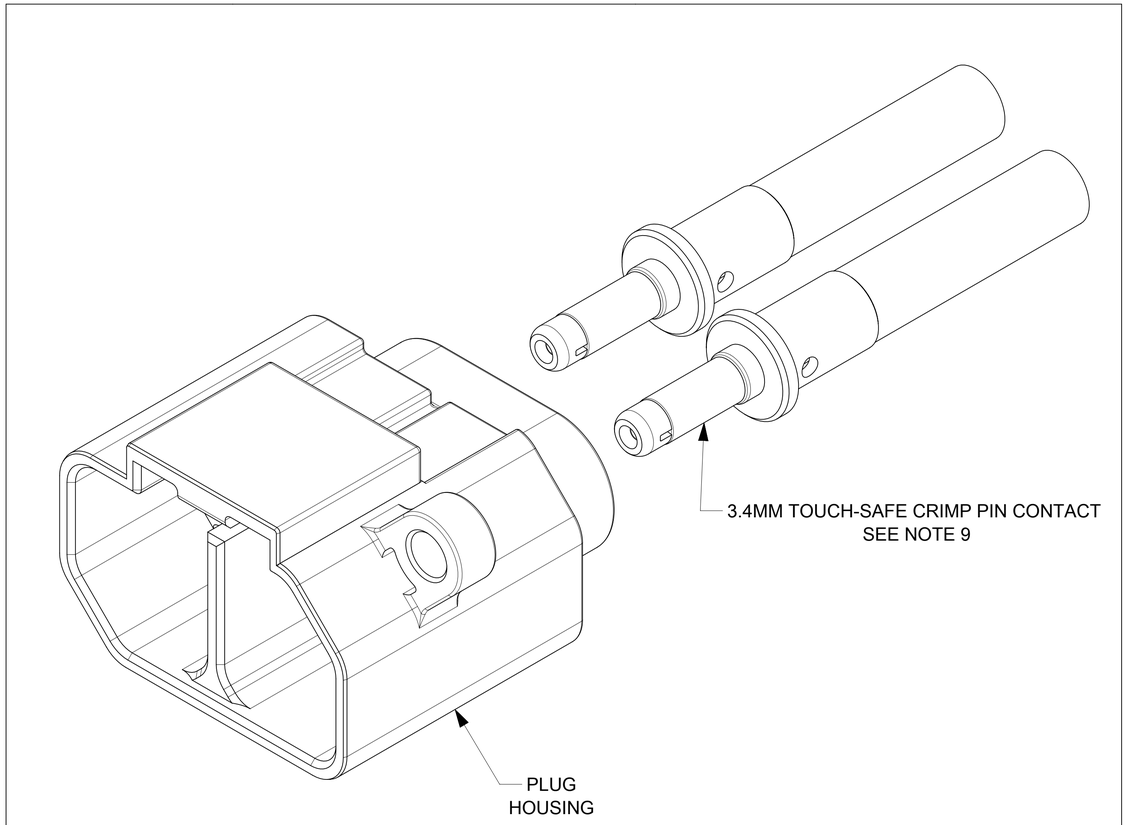
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	228187	SEE TABLE	GENERAL MARKET	1 OF 4

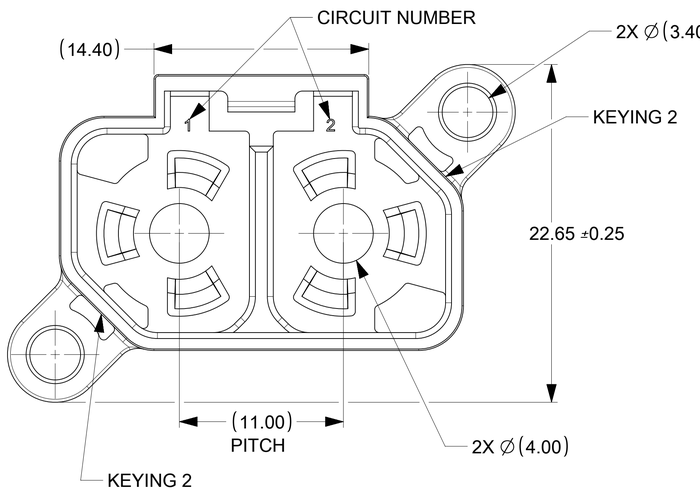
KEYING-2 NATURAL COLOR PANEL MOUNT PLUG HOUSING

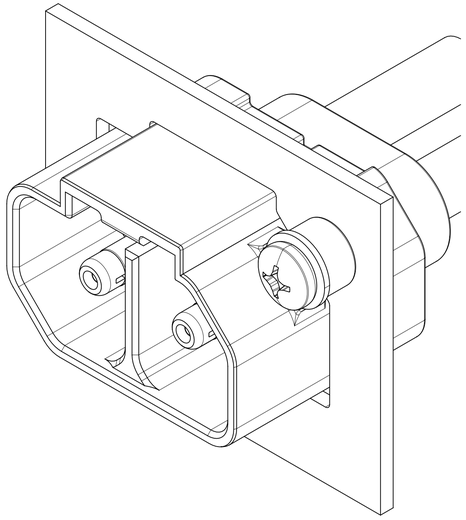




SCALE 4:1
PLUG CONNECTOR MOUNTED TO PANEL OPTION-1







SCALE 4:1
PLUG CONNECTOR MOUNTED TO PANEL OPTION-2

PART NUMBER	DESCRIPTION	REMARKS
2281870002	PANEL MOUNT 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 2026/02/19
CHK'D: MBELLE 2026/03/03
APPR: HTHYAGARAJ 2026/03/06

INITIAL REVISION:
DRWN: PRAJWV2 2025/03/18
APPR: HTHYAGARAJ 2025/05/26

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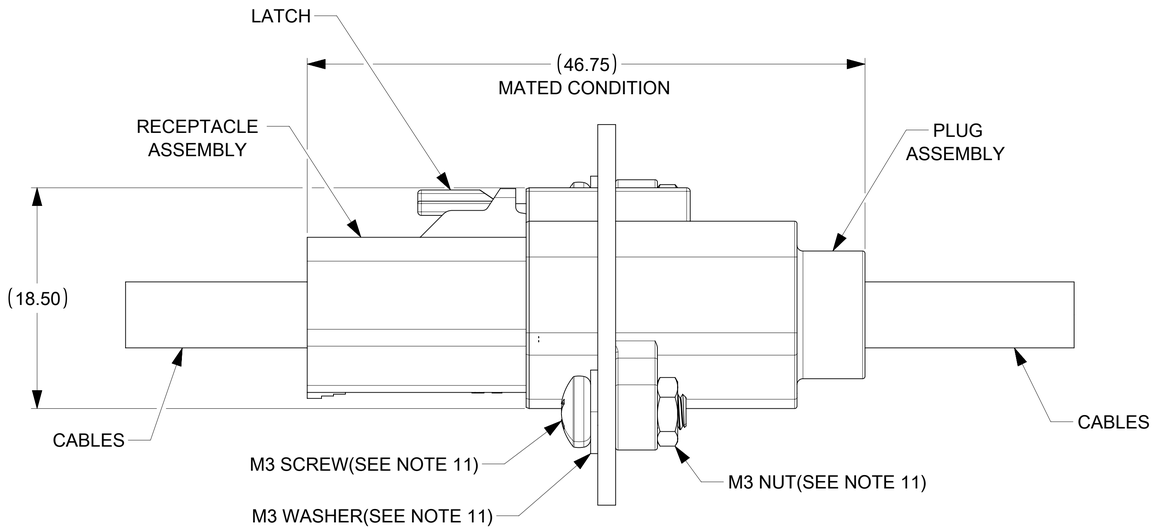
3.4MM POWERWIZE PANEL MOUNT PLUG HOUSING

PRODUCT CUSTOMER DRAWING

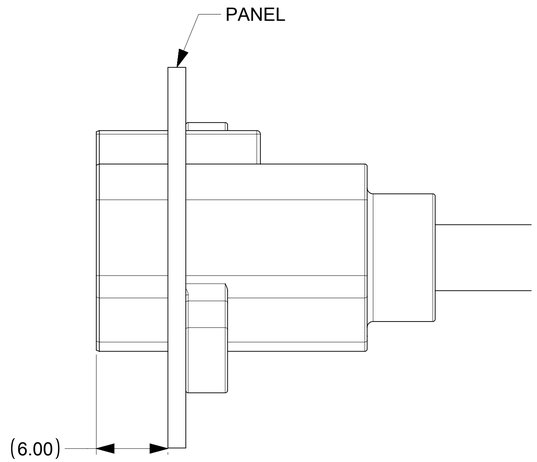
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2281870001	PSD	000	A1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	228187	SEE TABLE	GENERAL MARKET	2 OF 4

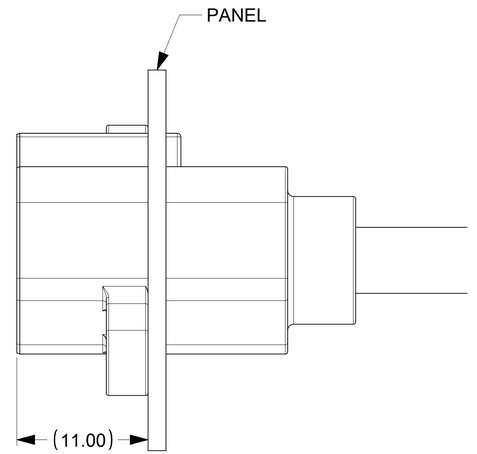
DOCUMENT STATUS	P1	RELEASE DATE	2026/03/16 11:03:57



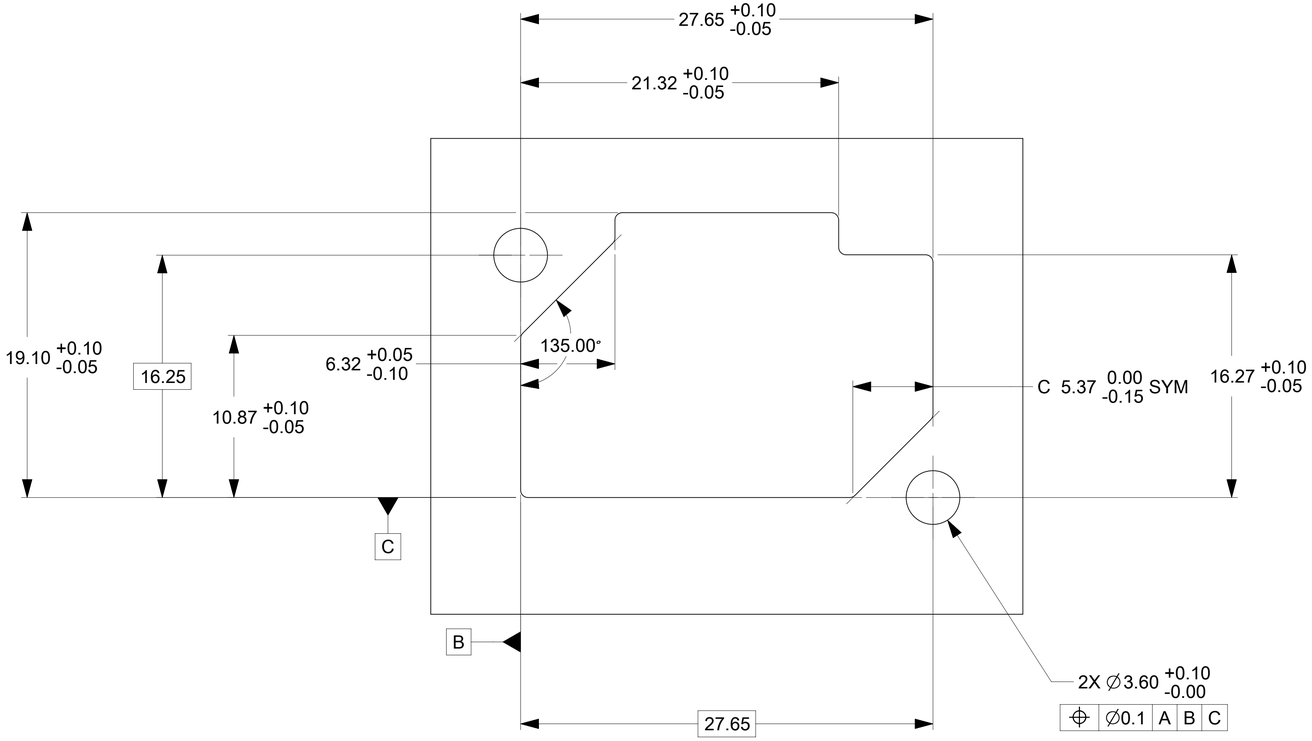
FULLY MATED VIEW OF VERTICAL PLUG ASSEMBLY WITH RECEPTACLE ASSEMBLY



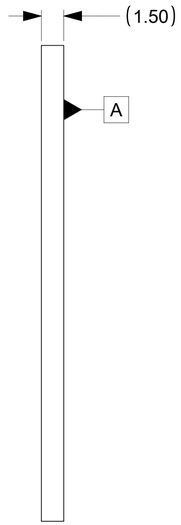
PANEL MOUNT OPTION 1



PANEL MOUNT OPTION 2



RECOMMENDED PANEL CUTOUT - KEY1



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DIMENSION UNITS	mm
SCALE	4:1
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	2026/02/19
CHK'D:	MBELLE	2026/03/03
APPR:	HTHYAGARAJ	2026/03/06

INITIAL REVISION:

DRWN:	PRAJWV2	2025/03/18
APPR:	HTHYAGARAJ	2025/05/26

THIRD ANGLE PROJECTION	DRAWING	SERIES
	D-SIZE	228187

molex

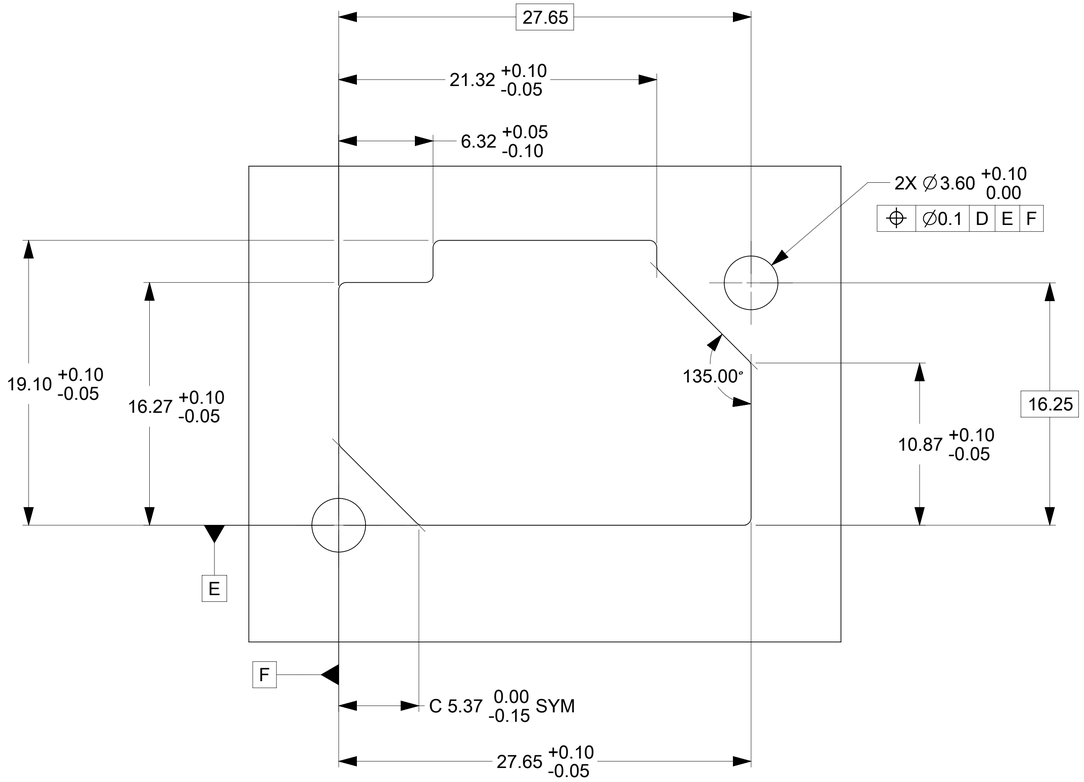
3.4MM POWERWIZE PANEL MOUNT PLUG HOUSING

PRODUCT CUSTOMER DRAWING

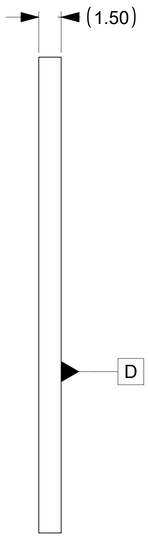
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2281870001	PSD	000	A1

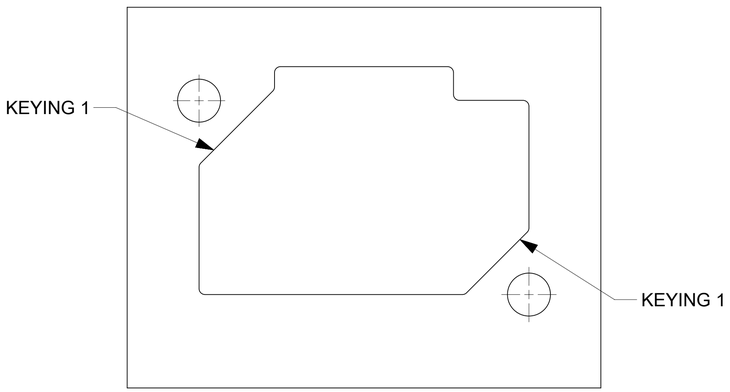
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/16	11:03:57

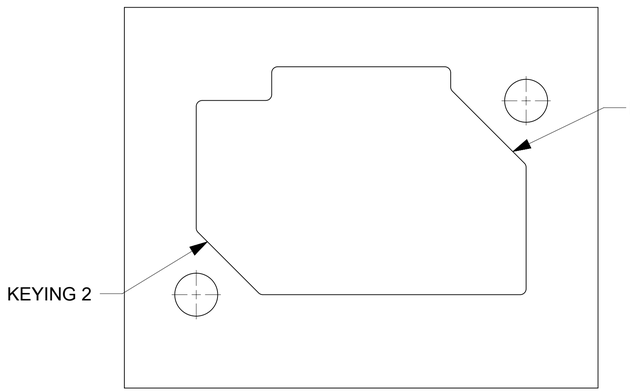


RECOMMENDED PANEL CUTOUT FOR - KEY2





PANEL CUTOUT FOR REFRENCE ONLY - KEY1



PANEL CUTOUT FOR REFRENCE ONLY - KEY2

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DIMENSION UNITS	SCALE
mm	4:1

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 2026/02/19
CHK'D: MBELLE 2026/03/03
APPR: HTHYAGARAJ 2026/03/06

INITIAL REVISION:
DRWN: PRAJWV2 2025/03/18
APPR: HTHYAGARAJ 2025/05/26

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3.4MM POWERWIZE PANEL MOUNT PLUG HOUSING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2281870001	PSD	000	A1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	228187	SEE TABLE	GENERAL MARKET	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/16 11:03:57