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Part Number: 0465280001
Status: Active
Overview: SPOX™ BMI
Description: 2.50mm (.098") Pitch SPOX™ BMI Receptacle Housing, Single Row, Vertical,6 Circuits

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	46528
Application	Wire-to-Board
Overview	SPOX™ BMI
Product Name	SPOX BMI™

Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	25
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Plating Mating	n/a
Material - Resin	Polyester
Number of Rows	1
Orientation	Vertical
PCB Retention	Yes
Packaging Type	Bag
Pitch - Mating Interface (in)	0.098 In
Pitch - Mating Interface (mm)	2.50 mm
Pitch - Term. Interface (in)	0.098 In
Pitch - Term. Interface (mm)	2.50 mm
Polarized to PCB	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	N/A

Electrical

Current - Maximum	3A
Voltage - Maximum	250V AC

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-46528-001

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Not Halogen-Free

China RoHS

Need more information on product environmental compliance?

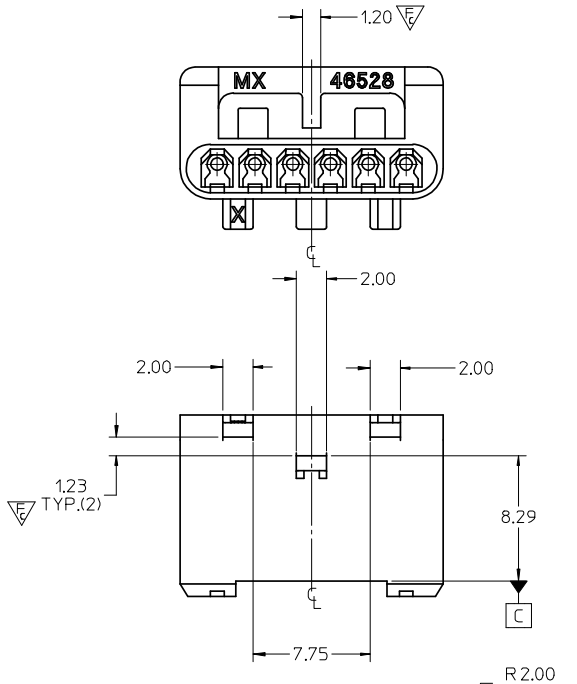
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

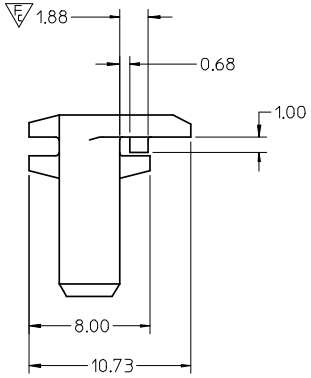
Please visit the Contact Us section for any non-product compliance questions.

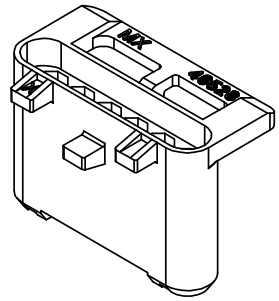
Search Parts in this Series
46528Series

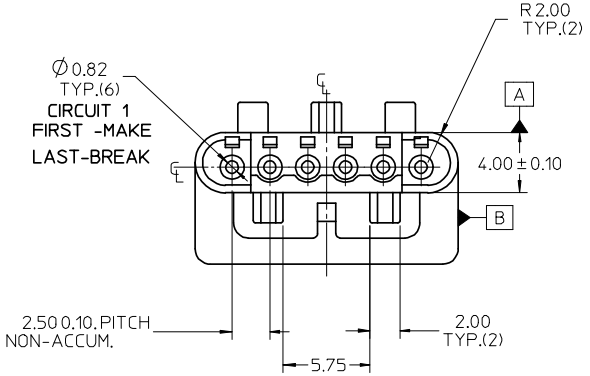
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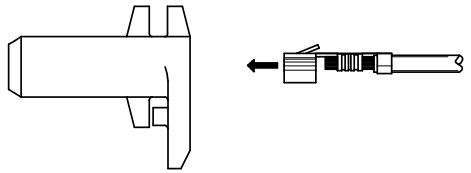
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TERMINALS ARE TO BE ORIENTED AND LOADED
INTO THE HOUSING AS SHOWN ABOVE

NOTES:

1. MATERIAL: POLYESTER, UL94V-0, COLOR: BLACK.
2. PRODUCT SPEC - PS-45579-001.
3. USES FEMALE CRIMP TERMINALS, SERIES 5263
   (NOTE THE ORIENTATION OF TERMINALS).
4. PART MATES WITH MOLEX HEADER SERIES 46511.
5. PACKAGING: BULK.
6. SEE PAGE 2 OF 2 FOR PANEL CUTOUT DIMENSIONS AND
   THE ALLOWED BOARD TO PANEL MISALIGNMENT.
7. WHEN THIS PRODUCT IS USED IN A BLIND MATING APPLICATION
   THE SYSTEM LEVEL DESIGN MUST INCORPORATE GUIDANCE SO THE
   CONNECTORS ARE WITHIN THE CAPTURE ENVELOPE OF THE FLANGES ON
   THE HEADER OR PLUG HOUSING AND CAN THUS ALIGN THEMSELVES AS
   THEY COME TOGHETER.
   FLOAT IS ALSO REQUIRED IN THE OVERALL DESIGN, TO ALLOW THE PCB RECEPTACLE
   OR IT'S MATE TO MOVE INTO A STRESS-FREE POSITION AFTER MATING.
8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002
9. USE TOOL NUMBER 63813-1400 TO REMOVE TERMINAL FROM HOUSING WHEN NECESSARY.
   CAUTION: TERMINALS MUST NOT BE REUSED AFTER REMOVAL.

ENTER DESCRIPTION
EC NO: UCP2008-3136 2008/06/30
DRWN: AZBOROWSKI 2008/06/30
CHKD:
APPR: JCOMERCI 2008/07/09
DESCRIPTION
A3
REV

QUALITY SYMBOLS
F/C = 0
F/C = 0
F/C = 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	DROSCA	DATE 04/19/2007
CHECKED BY	JCOMERCI	DATE 04/19/2007
APPROVED BY	JCOMERCI	DATE 04/19/2007

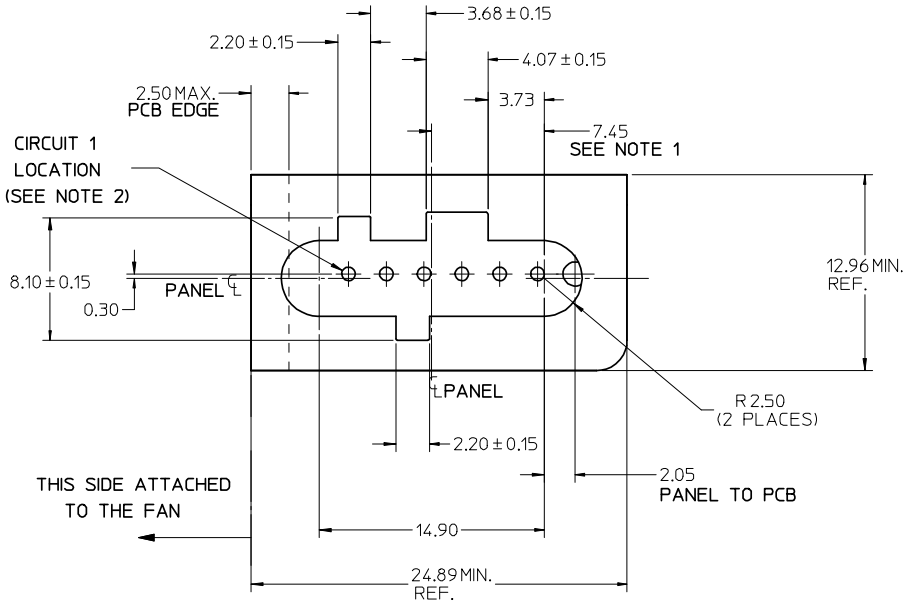
TITLE: RECEPTACLE HOUSING
SINGLE ROW SPOX BMI 6CKT

molex MOLEX INCORPORATED

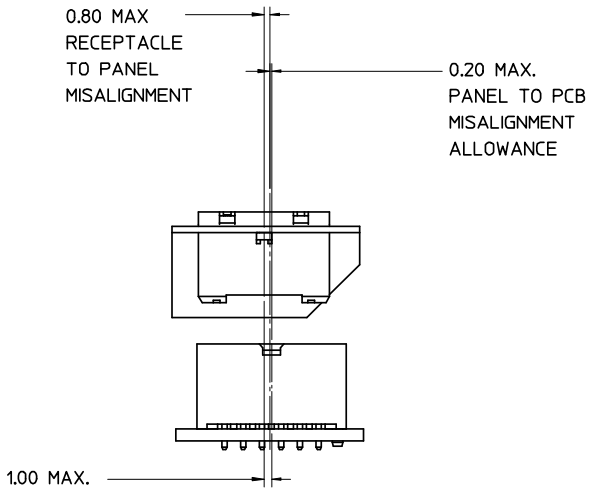
MATERIAL NO. 46528-0001
DOCUMENT NO. SD-46528-001
SHEET NO. 1 OF 2

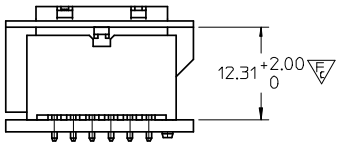
SIZE C

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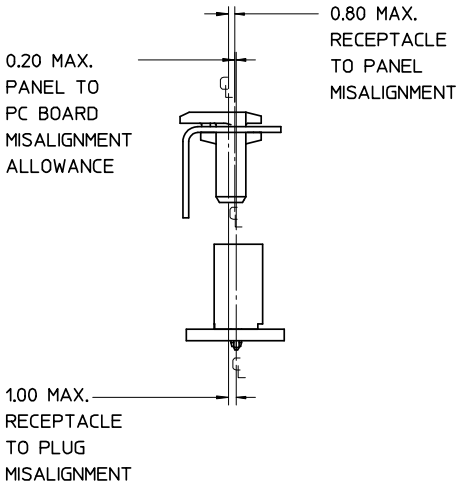


PANEL CUTOUT - WIRE ENTRY VIEW
PANEL THIKNESS 0.80+/-0.15mm





PANEL TO PCB BOARD STACK HEIGHT



NOTES:

1. USE THIS DIMENSION TO ESTABLISH CENTERLINE OF THE PANEL CUTOUT
2. CIRCUIT 1 IS THE FIRST-MAKE LAST BREAK CIRCUIT

ENTER DESCRIPTION EC NO: UCP2008-3136 DRWN: AZBOROWSKI 2008/06/30 CH'KD: 2008/06/30 APPR: JCOMERCI 2008/07/09 DESCRIPTION	QUALITY SYMBOLS E A = 0 E C = 1 E E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm / INCH 4 PLACES ± --- / ± --- 3 PLACES ± --- / ± --- 2 PLACES ± 0.13 / ± --- 1 PLACE ± 0.25 / ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE: MM ONLY DRAWN BY: DROSCA DATE: 04/19/2007 CHECKED BY: JCOMERCI DATE: 04/19/2007 APPROVED BY: JCOMERCI DATE: 04/19/2007 MATERIAL NO.: 46528-0001	SCALE: 2:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION TITLE: RECEPTACLE HOUSING SINGLE ROW SPOX BMI 6CKT molex MOLEX INCORPORATED DOCUMENT NO.: SD-46528-001 SHEET NO.: 2 OF 2	A3 REV	SIZE C

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