

PART NO.	ENG. NO.	CKT SIZE	MATERIAL (SEE NOTE 1)
50-29-1662	46994-0312	3	UL 94V-2,BLACK
46994-0302	46994-0302	3	UL 94V-2,BEIGE

LEGEND

46994-03 \* 2

CKT SIZE

MATERIAL OPTION  
(SEE NOTE 1)

CONFIGURATION  
2= SINGLE ROW

SEE NOTE 11

RIB INDICATES  
CIRCUIT #1

NOTES:

1. MATERIAL:  
"0"=NYLON, UL94V-2, COLOR :NATURAL (BEIGE);  
IEC 60335-1, 5th EDITION GLOW WIRE CAPABLE.  
"1"=NYLON, UL94V-2, COLOR:BLACK;  
IEC 60335-1, 5th EDITION GLOW WIRE CAPABLE.

2. FINISH: NOT APPLICABLE.

3. PRODUCT SPECIFICATION: PS-5556-001.

4. PACKING: PK-5557-002.

5. PART MATES WITH MOLEX RIGHT ANGLE HEADER #172648-\*\*03,  
VERTICAL HEADER #172647-\*\*03 AND PLUG #172646-03\*\*.

6. PART TO BE USED WITH MOLEX FEMALE TERMINAL #5556.

7. WHEN MATING WITH ANOTHER CONNECTOR, THE CENTER  
CIRCUIT WILL "MAKE FIRST AND BREAK LAST".

8. PART IS NOT DESIGNED FOR CURRENT SHARING.

9. CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR  
UNMATED WHILE CIRCUITS ARE LIVE.

10. WIRES ARE TO BE DRESSED IN SUCH A MANNER TO  
ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.

11. "MX" FACTORY ID MAY BE LOCATED ON LATCH OR SURFACE  
INDICATED. CAVITY NO. MAY BE LOCATED ON EITHER SIDE  
OF SERIES NO. ON LATCH.

12. PART CONFORMS TO CLASS "B" REQUIREMENTS OF  
COSMETIC SPECIFICATION PS-45499-002 WITH THE  
EXCEPTION OF DISCLORATION, FLASH AND SINK MEET  
CLASS "C" REQUIREMENTS.

13. BUBBLE IS ACCEPTABLE ON LATCH AREA.

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

DIMENSION UNITS	SCALE	CURRENT REV DESC:	molex			
mm	NTS	EC NO: 719028 DRWN: JERRYW8 CHK'D: XQZHANG APPR: XQZHANG INITIAL REVISION: DRWN: NNGUYEN APPR: FSMITH	3 CIRCUIT RECEPTACLE, (MINI-FIT JR.) (MAKE-FIRST/BREAK-LAST)			
GENERAL TOLERANCES (UNLESS SPECIFIED)			PRODUCT CUSTOMER DRAWING			
ANGULAR TOL	± 0.5 °		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
4 PLACES	±		SD-46994-0001	PSD	001	A3
3 PLACES	±					
2 PLACES	± 0.25	2022/08/23 2022/09/01 2022/09/01				
1 PLACE	± 0.38	2013/04/12 2014/07/28				
0 PLACES	±					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		B-SIZE	46994	SEE CHART	GENERAL MARKET	1 OF 1

DOCUMENT STATUS

P1

RELEASE DATE

2022/09/01

16:35:21

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