

3M™ BOX HEADER, 957 SERIES
 2MM X 2MM, STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



DUAL ROW
 STRAIGHT
 VERSION



DUAL ROW
 RIGHT ANGLE
 VERSION



DUAL ROW
 SURFACE MOUNT
 VERSION

2 PHYSICAL :

INSULATOR :
 MATERIAL : HIGH TEMP THERMOPLASTIC
 FLAMMABILITY : UL94V-0
 COLOR : BLACK
 CONTACT :
 MATERIAL : COPPER ALLOY
 PLATING :
 UNDER PLATING : 50-100μ" [1.27-2.54μm] NICKEL-OVERALL
 WIPING AREA : GOLD FLASH
 SOLDER TAILS : 40-118μ" [1-3μm] MATTE TIN

2 ELECTRICAL :

CURRENT RATING : 2A
 CONTACT RESISTANCE : ≤20 mΩ
 INSULATION RESISTANCE : ≥1000 MΩ
 WITHSTANDING VOLTAGE : 500 Vr.m.s, 1mA, 60s

2 MECHANICAL :

RETENTION FORCE : ≥ 4.5N PER PIN

2 ENVIRONMENTAL :

TEMPERATURE RATING : -40° C TO 125° C ¹
 HUMIDITY : <93% AT 40° C
 RESISTANCE TO SOLDERING HEAT : 260° C±5° C, 10s

- NOTES
1. REGULATORY INFORMATION:
 ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF WWW.3MCONNECTORS.COM FOR COMPLIANCE INFORMATION.
 2. IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT.
 3. N = THE NUMBER OF POSITIONS.

3M™ ELECTRONICS MATERIALS SOLUTIONS DIVISION
 INTERCONNECT SOLUTIONS
<http://www.3m.com/interconnect>

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MM [INCH]		
TOLERANCE - UNLESS NOTED		
	X.	.XX
MM	±.5	±.20
[INCH]	±.02	±.008
[] = DIM. FOR REFERENCE ONLY		

DIMENSIONS: INCH [MM]
 [MM] FOR REF. ONLY

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
CODES		CASTIGLIONE	MAY 14, 2015	MFG		
DIVISION	DIVISION CODE	CHKD	DATE	APPRV	DATE	
	EMSD			T. SUNIGA	MAY 14, 2015	
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED				
		INCHES		<small>© 3M COPYRIGHT 2018</small> <small>This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.</small>		
		THIRD ANGLE PROJECTION		BOX HEADER, 2MM, STRAIGHT, RIGHT ANGLE AND SMT		
		INTERPRET PER ASME Y14.5 - 2009		<small>CAGE NUMBER</small> D78-5100-2656-6 <small>REV. C</small>		
		MAX SURFACE ROUGHNESS		<small>MODEL</small> 9572		
		LIT SURFACES		<small>DET</small> <input type="checkbox"/> <small>YES</small> <input checked="" type="checkbox"/> <small>NO</small> <input type="checkbox"/> <small>SHT 1 OF 4</small>		
		MARKED ONLY				

78-5100-2656-6 DRAWING NUMBER
 C REVISION
 B
 A
 Image: C.1 Central Standard Time4/5/2018UTC Off/ser

3M™ BOX HEADER, 957 SERIES
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RECOMMENDED PC BOARD LAYOUT
 (VIEWED FROM CONNECTOR SIDE)

ORDERING INFORMATION
 (STRAIGHT & RIGHT ANGLE ONLY)

9572XX-X002-AR

CONTACT QTY:
 06-64

MOUNTING STYLE:
 5 = RIGHT ANGLE
 6 = STRAIGHT

TABLE 1 mm	
DIM. "A"	2.00 X (N/2+7.40)
DIM. "B"	2.00 X (N/2-1)
DIM. "C"	2.00 X (N/2+6)
SEE NOTE 3	

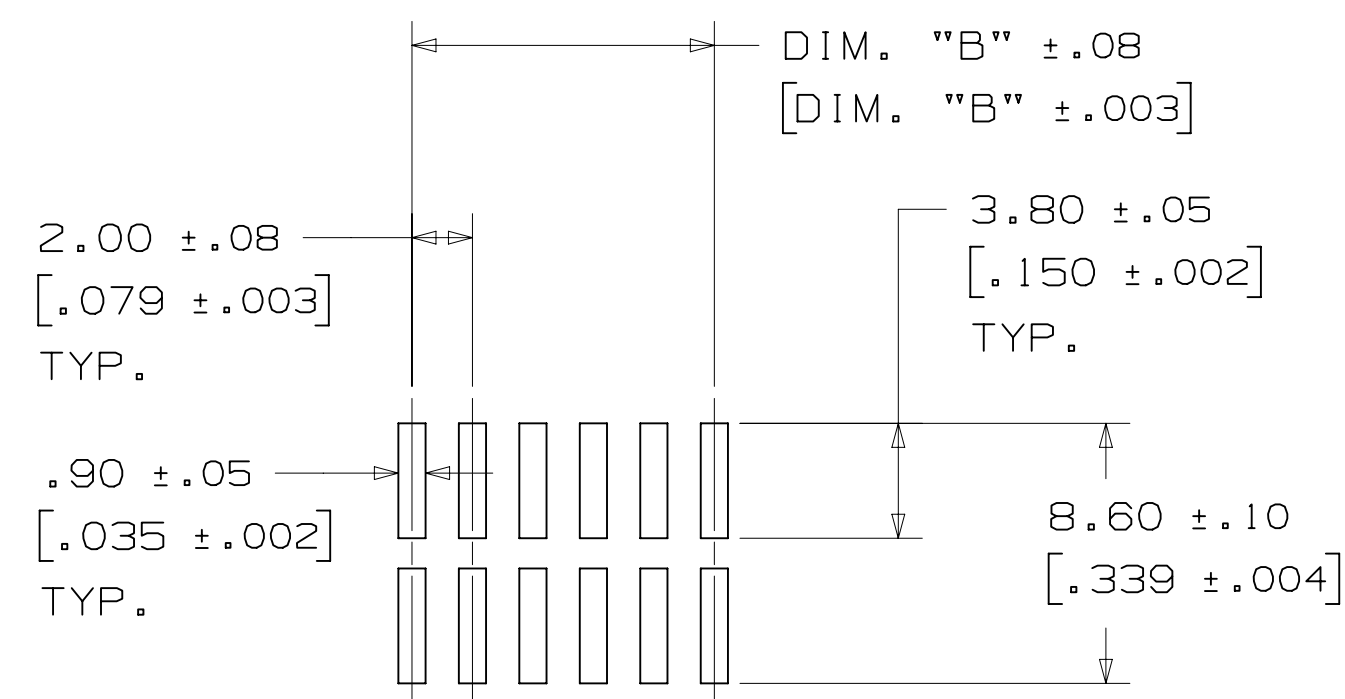
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
C	78557	APR 05, 2018 UPDATE TABLE 1 TO REMOVE [IN] VALUES	SBO	FR
B	74628	JUL 06, 2017 WAS: -40C TO 105C	LDS	SC
A	72044	FEB 02, 2017 PRODUCTION RELEASE	JNC	TS

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
		CHKD	CASTIGLIONE	MAY 14, 2015	MFG	DATE
		APPRV	T. SUNIGA	MAY 14, 2015		

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TITLE BOX HEADER, 2MM, STRAIGHT, RIGHT ANGLE AND SMT		
CAGE NUMBER	SIZE	DRAWING NO.
D		78-5100-2656-6
MODEL	REV.	
9572	C	

78-5100-2656-6
 DRAWING NUMBER
 C
 REVISION
 A
 Standard Time/4/5/2018/UTC Off/ser

3M™ BOX HEADER, 957 SERIES
 2MM X 2MM, STRAIGHT, RIGHT ANGLE AND SURFACE MOUNT, SOLDER TAIL



RECOMMENDED PC BOARD LAYOUT
 (VIEWED FROM CONNECTOR SIDE)

ORDERING INFORMATION
 (SURFACE MOUNT ONLY)

9572XX-20X0-AR-XX

CONTACT QTY:
 06-64

PACKAGING:
 TP = TUBE WITHOUT PAD
 PT = TUBE WITH PAD
 PR = TAPE & REEL WITH PAD
 SEE TABLE 2

LOCATING POST:
 0 = NONE

TABLE 2 TAPE & REEL OPTIONS					
CONTACT QTY.	10-12	14-24	26-34	40-50	60-68
TAPE WIDTH [MM]	32	44	56	72	88

TABLE 1 mm	
DIM. "A"	2.00 X (N/2+7.40)
DIM. "B"	2.00 X (N/2-1)
DIM. "C"	2.00 X (N/2+6)
SEE NOTE 3	

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
78-5100-2656-6				MAY 14, 2015		
DIVISION	DIVISION CODE	CHKD	DATE	APPRV	DATE	
	EMSD			T. SUNIGA	MAY 14, 2015	
DO NOT SCALE DRAWING	SCALE 4/1	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION		INCHES .00 ± .000 ± .0000 ±		MILLIMETERS 0 ± .00 ± .000 ± .000 ±		
MAX SURFACE ROUGHNESS		INCHES .00 ± .000 ± .000 ±		MILLIMETERS 0 ± .00 ± .000 ± .000 ±		
INTERPRET PER ASME Y14.5 - 2009		INCHES .00 ± .000 ± .000 ±		MILLIMETERS 0 ± .00 ± .000 ± .000 ±		
MARKED ONLY		INCHES .00 ± .000 ± .000 ±		MILLIMETERS 0 ± .00 ± .000 ± .000 ±		
CAGE NUMBER		DRAWING NO.		REV.		
D		78-5100-2656-6		C		
MODEL		9572		DET		IS1S <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> SHT 3 OF 4

C	78557	APR 05, 2018	SB0	FR
B	74628	JUL 06, 2017	LDS	SC
A	72044	FEB 02, 2017	JNC	TS
		UPDATE TABLE 1 TO REMOVE [IN] VALUES		
		WAS: -40C TO 105C		
		PRODUCTION RELEASE		

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DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
NAME	DIVISION	DATE	DATE	DATE	DATE	DATE
CASTIGLIONE	EMSD	MAY 14, 2015	MAY 14, 2015	MAY 14, 2015	MAY 14, 2015	MAY 14, 2015
CHKD	DIVISION CODE	DATE	DATE	DATE	DATE	DATE
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THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	INCHES .00 ± .000 ± 0.000 ±	MILLIMETERS 0 ± .00 ± 0.00 ±	TITLE BOX HEADER, 2MM, STRAIGHT, RIGHT ANGLE AND SMT		
MAX SURFACE ROUGHNESS	MARKED ONLY	ANGLES	CAGE NUMBER	SIZE	DRAWING NO.	REV.
			D	78-5100-2656-6	C	C
			MODEL	9572	DET	IS1S <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> SHT 4 OF 4

78-5100-2656-6 DRAWING NUMBER
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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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