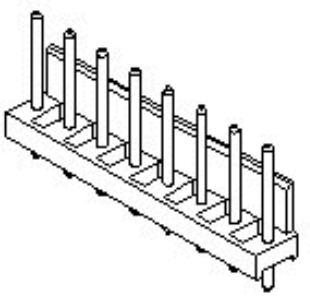
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0010191081
Status: Active
Overview: kk
Description: 5.08mm (.200") Pitch KK® Header, Vertical, with Polarizing Backwall, 8 Circuits, Tin (Sn) Plating



Series image - Reference only

Documents:
3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179

General

Product Family	PCB Headers
Series	2599
Application	Wire-to-Board
Overview	kk
Product Name	KK®

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.175 In
PC Tail Length (mm)	4.45 mm
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.200 In
Pitch - Mating Interface (mm)	5.08 mm
Shrouded	Partial
Stackable	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +75°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	7A
Voltage - Maximum	250V

Solder Process Data

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

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
2599Series

Mates With
KK® Crimp Terminal Housing 3001 , 5058

Lead-free Process Capability	Wave Capable (TH only)

Material Info

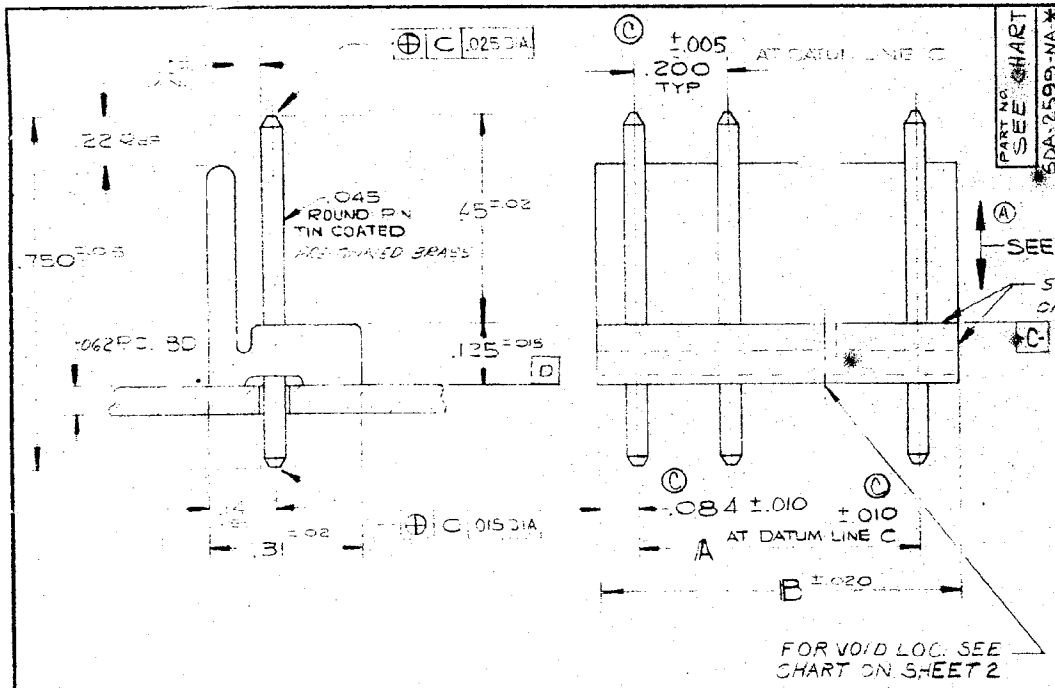
Old Part Number	2599-08A

Reference - Drawing Numbers

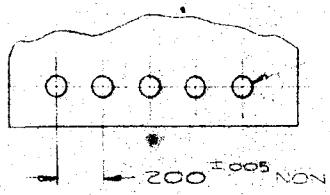
Sales Drawing	SDA-2599-NA*

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PART NO. SEE CHART SDA-2599-NA*



RECOMMENDED PC BOARD HOLE DIMENSIONS

PART Nº	ENG Nº	Nº OF CIRCUITS	DIM. A	DIM. B
10-19-1181	A-2599-18A	18	3.400	3.568
1171	A-2599-17A	17	3.200	3.368
1161	A-2599-16A	16	3.000	3.168
1151	A-2599-15A	15	2.800	2.968
1141	A-2599-14A	14	2.600	2.768
1131	A-2599-13A	13	2.400	2.568
1121	A-2599-12A	12	2.200	2.368
1111	A-2599-11A	11	2.000	2.168
1101	A-2599-10A	10	1.800	1.968
1091	A-2599-9A	9	1.600	1.768
1081	A-2599-8A	8	1.400	1.568
1071	A-2599-7A	7	1.200	1.368
1061	A-2599-6A	6	1.000	1.168
1051	A-2599-5A	5	.800	.968
1041	A-2599-4A	4	.600	.768
1031	A-2599-3A	3	.400	.568
10-19-1021	A-2599-2A	2	.200	.368

NOTES:

A) 1. PIN PUSH OUT FORCE: 3 LBS. MIN.
2. BURRS NOT TO EXTEND BELOW SURFACE D

B) CODE LETTER PRECEDING PART NO. INDICATES MFG LOCATION I - IRELAND

C) PARTS TO MEET MOLEX PRODUCT SPEC 10-39

MATED MATERIAL: NYLON-NATURAL COLOR

.200 CENTER DISTANCE

REVISIONS

E ADDED SHEET 2 2ND PARTS/VOIDS ECO Nº 16533 9-17-79 JR

D IT REL. PER ERO # 15800 7-26-73 JS

C A WAS ±.005 WAS .004 WAS .008 PER ECO 6-19-73 JR

B PER ECO #710 3-15-72 LEE/ER

A ADDED NOTE 1 ECO # 612 4-3-72 TPS/ER

UNLESS OTHERWISE SPECIFIED TOLERANCES:
3-PLACE DEC. DIMS ±.008
2-PLACE DEC. DIMS ±.010
FRACTIONAL DIMS ±1/64
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS, UNLESS OTHERWISE SPECIFIED.
DO NOT SCALE DRAWING

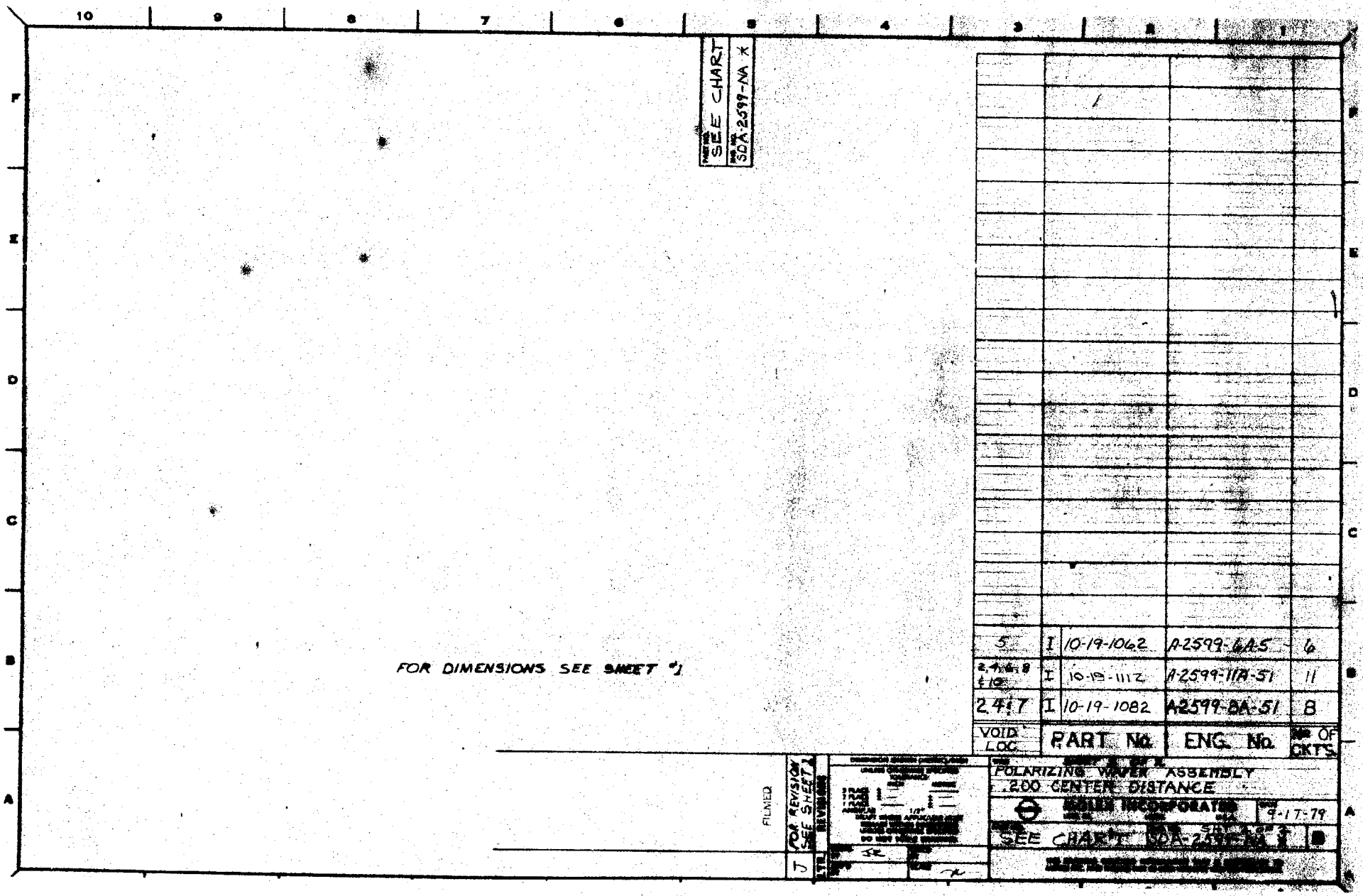
DRWG BY IC | CHKD BY | SCALE 4 x 1

POLARIZING WAFER ASSEMBLY

MOLEX PRODUCTS CO.
DOWNERS GROVE, ILL. 60515, U.S.A.

DATE 1-13-72
SHT 1 OF 2
SDA-2599-NA*

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO THE MOLEX PRODUCTS COMPANY AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.


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F
E
D
C
B
A
SEE CHART
SDA-2599-NA *
FOR DIMENSIONS SEE SHEET #1
5 I 10-19-1062 A-2599-6A5 6
2,4,6,8 & 10 I 10-19-1112 A-2599-11A-51 11
2,4,7 I 10-19-1082 A2599-8A-51 8
VOID LOC
PART No.
ENG. No.
No. OF CKTS
FILMED
FOR REVISION SEE SHEET 1
J
POLARIZING WAFER ASSEMBLY
.200 CENTER DISTANCE
9-17-79
SEE CHART SDA-2599-NA