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INTERNATIONAL STANDARD

AMENDMENT 1

Packaging of components for automatic handling – Part 5: Matrix trays

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FOREWORD

This amendment has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

The text of this amendment is based on the following documents:

FDIS	Report on voting
40/1942/FDIS	40/1971/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

2.1 Electrostatic dissipative requirements

Replace the existing text by the following text:

Trays shall be moulded from material that meets the ESD dissipative requirements with surface resistance equal to or greater than $1{,}0 \times 10^5$ ohms/square but less than $1{,}0 \times 10^{11}$ ohms/square.

4.1.3.1 Formulas

Replace the existing text by the following text:

DT is D_{max} + strengthening pocket rib width W
ET is E_{max}" + strengthening pocket rib width W
M is (135,9 mm – $M3(N1 – 1)$)/2
$M1$ is (315,0 mm – $M2(N2 – 1)$)/2
$M2$ is [(315,0 mm – 2P mm) – $W(N2 – 1)$]/$N2$ + W
$M3$ is [(135,9 mm – 2P mm) – $W(N1 – 1)$]/$N1$ + W
$N1$ is (135,9 mm –2P mm)/ET (rounded down to a whole number)
$N2$ is (315,0 mm – 2P mm)/DT (rounded down to a whole number)

Add, after the NOTE, the following new text and Table 1:

The dimensions P and W are given in Table 1.

Table 1 – P and W dimension

Dimension	Thin tray		Thick tray
	Normal stacking tray mm	Low stacking tray mm	 mm
P	3,2	5,0	5,0
W	2,0	2,5	2,0

4.1.3.2 Constituents of the design rules, formulas and drawings

Add, on page 8, the following line to the list:

P is the edge of the tray to the edge of the pocket

4.1.3.2 Constituents of the design rules, formulas and drawings

Replace the last paragraph by the following new text:

W should not exceed the target value of Table 1 in order to achieve the maximum tray density unless required by application.