

SPECIFICATIONS:

MATERIAL:-

HOUSING: HIGH TEMP THERMOPLASTIC UL 94V-0

CAP: HIGH TEMP THERMOPLASTIC UL 94V-0

PIN: HIGH STRENGTH PHOSPHOR BRONZE

TAB: HIGH STRENGTH COPPER ALLOYS

FINISH:-

PIN: BASE PLATING NICKEL

CONTACT POINT: SN OVER NICKEL

SOLDER TAIL: SN OVER NICKEL

TAB: BASE PLATING NICKEL, SN OVER NICKEL

ELECTRICAL:-

CURRENT RATING: 1 AMP AC, DC(AWG#28)

WORKING VOLTAGE: 50V AC, DC

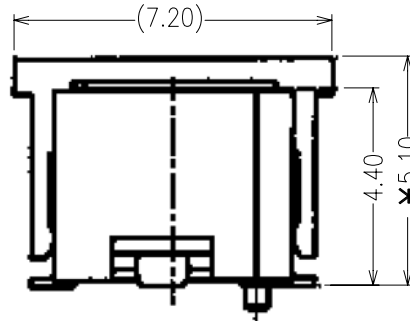
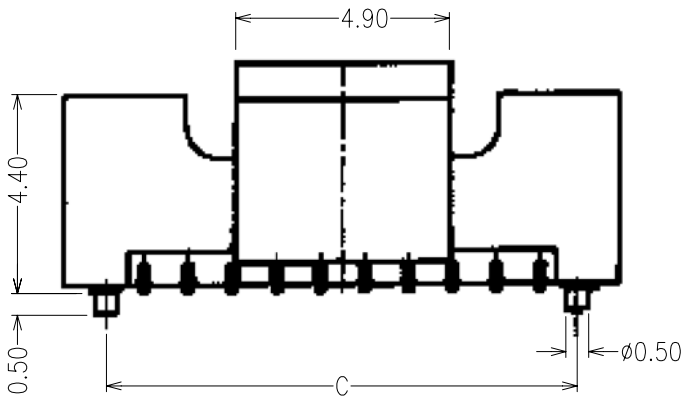
DIELECTRIC WITHSTANDING VOLTAGE: 500 V AC  
RMS FOR 1 MINUTE

CONTACT RESISTANCE: 20 mΩ MAX.

INSULATION RESISTANCE: 100 MΩ MIN.

ENVIRONMENTAL:-

TEMPERATURE RANGE: -25°C TO +85°C



TOTAL NO. OF CONTACTS	A	B	C
18	11.60	8.00	9.70
20	12.60	9.00	10.70
30	17.60	14.00	15.70
40	22.60	19.00	20.70
50	27.60	24.00	25.70

Allan	2	29.06.07	A056
Allan	1	01.08.06	-

NAME	ISS.	DATE	C/NOTE
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APPROVED: *Paul*

CHECKED:

DRAWN: Allan

CUSTOMER REF.:

ASSEMBLY DRG:

TOLERANCES

DIMENSIONS	ANGLES
X.X = ±0.38mm	X = ±5°
X.XX = ±0.25mm	X.X = ±3°

NOTES: ALL DIMENSIONS AND NOTES MARKED \* ARE CRITICAL AND MUST BE CHECKED ACCORDANCE QUALITY DOC. Q1-02A

ORDER CODE  
**M40-302 XX 46**  
NO. OF WAYS PER ROW

**HARWIN**

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TOLERANCES  
X = ±1mm  
X.X = ±0.25mm  
X.XX = ±0.10mm  
X.XXX = ±0.01mm  
ANGLES = ±5°  
UNLESS STATED

MATERIAL: SEE NOTES  
FINISH: SEE NOTES  
S/AREA: mm<sup>2</sup>

TITLE: HEADER P=1.00mm D/R SMT TYPE  
DRAWING NUMBER: M40-302 XX 46  
SHT 1 OF 1