



**SPECIFICATIONS:**  
**MATERIAL:**  
 MOULDING = NYLON 6T, UL94V-0, BLACK  
 CONTACT = BRASS  
**FINISH:**  
 CONTACT = GOLD FLASH OVER NICKEL  
**ELECTRICAL:**  
 CURRENT RATING = 1A  
 CONTACT RESISTANCE = 20mΩ MAX  
 INSULATION RESISTANCE = 1000MΩ MIN  
 DIELECTRIC STRENGTH = 1000V ACrms FOR ONE MINUTE  
**MECHANICAL:**  
 DURABILITY = 300 CYCLES MIN  
**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -40°C TO +105°C  
**PACKING:**  
 BAG  
 FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE).

- NOTES:**
1. ALL DIMENSIONS AND NOTES MARKED \* ARE CRITICAL AND MUST BE CHECKED IN ACCORDANCE WITH QUALITY INSTRUCTION Q1-02.
  2. MAXIMUM PERMISSIBLE OUT OF SQUARE OF PIN TO MOULDING TO BE 0.15mm IN ANY DIRECTION.
  3. CONTACT LEG VARIATION ON COMPLETE ASSEMBLY NOT TO EXCEED 0.20mm.
  4. ALL TOLERANCES ARE ±0.15 UNLESS OTHERWISE STATED.
  - \* 5. ALL PRODUCT TO HAVE 'LEAD FREE' LABELLING ON ALL PACKAGING.

ORDER CODE:  
**M52-040023WXX45**  
 TOTAL No. OF CONTACTS: \_\_\_\_\_  
 05, 10, 20, 25  
 FINISH: \_\_\_\_\_  
 GOLD FLASH OVER NICKEL

SB	2	14.01.13	11906
JMB	1	17.11.05	----
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		S.BENNETT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

 HARWIN Europe (UK) www.harwin.com mis@harwin.co.uk	TOLERANCES X. = ±1mm X.X = ±0.25mm X.XX = ±0.10mm X.XXX = ±0.01mm ANGLES = ±5° UNLESS STATED		MATERIAL: SEE ABOVE	TITLE: 1.27 x 2.54mm PITCH DIL VERTICAL PC TAIL PIN HEADER
		FINISH: SEE ABOVE S/AREA: mm <sup>2</sup>	DRAWING NUMBER: <b>M52-040023WXX45</b>	SHT 1 OF 1

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# Mouser Electronics

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