Electronics

Size 22 Contacts — Pin Diameter .030 [0.76]

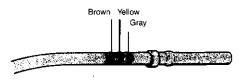
Standard Contacts

Materials

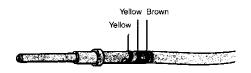
Pin and Socket Body — Copper alloy, plated gold over nickel

Socket Sleeve — Passivated stainless

Application Tooling — See page 3047







Pin M39029/11-144

Contact	Wire Size AWG mm²	Insulation Diameter (Max.)	Tape Mounted Contacts		Loose Piece Contacts		Hand Crimping Tool		AMP-TAPETRONIC Stripper-Crimper	
Туре			Pin	Socket	Pin	Socket	Tool	Positioner	Machine	Funnel
MIL-C-39029	26-22 0.12-0.4	.054 1.37	204873-3	_	204873-4	205103-3	M22520/2-01	M22520/2-23	599406-7	1-125905-2

Low Force, ARINC 600 connector contacts, suitable for use in ARINC 404 connectors (see page 3016)

Low Force ARINC 600*	26-22 0.12-0.4	.054	_	_	208262-3	208264-2	M22520/2-01	M22520/2-23	_	
ARING 600	0.12-0.4	1.37								

^{*}Color coding, two bands: orange and green.

Round Solder-Post Contacts, Solder Post Diameter .031 [0.79]

Note: Round solder-post contacts are for use in RM series connectors.

Insertion and extraction tool for all ARINC 404 size 22 contacts: MS81969/1-01 AMP Part Number 91066-1

Materials

Pin and Socket Body — Copper

alloy, plated gold over copper

Socket Sleeve — Passivated stainless

steel

Extension from rear of Pin Insert .125 - .150[3.18 - 3.81]

> Round Solder-Post Pin Part Number 205753-2 (Loose Piece)



Round Solder-Post Socket (Loose Piece) Part Number 205544-1 — .031 [0.79] Dia. Tail Part Number 205544-2 — .023 [0.58] Dia. Tail

Size 20 Contacts — Pin Diameter .040 [1.02]

Brown

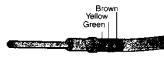
Standard Contacts

Materials

Pin and Socket Body — Copper alloy, plated gold over nickel

Socket Sleeve — Passivated stainless steel

White Socket M39029/12-149



Pin M39029/11-145

Wire Size	Insulation Diameter (Max.)	Tape Mounted Contacts		Loose Piece Contacts		Hand Crimping Tool		AMP-TAPETRONIC Stripper-Crimper	
mm²		Pin	Socket	Pin	Socket	Tool	Positioner	Machine	Funnel
24-20 0.206	.071 1.80	204938-4	205116-2	204938-3	205116-1	M22520/2-01	M22520/2-08	599406-7	125905-1
30-26 0.05-0.15	.071 1.80	205791-4	_	205791-3	206887-1	M22520/2-01	M22520/2-08	599406-7	2-125905-4
	AWG mm² 24-20 0.206 30-26	AWG Diameter (Max.) 24-20 .071 0.206 1.80 30-26 .071	AWG Diameter (Max.) Pin 24-20 .071 .204938-4 30-26 .071 .205701.4	AWG mm² (Max.) Pin Socket 24-20 .071	AWG Diameter (Max.) Pin Socket Pin 24-20 .071 .204938-4 205116-2 204938-3 30-26 .071 .205791.4 .205791.3	AWG mm² (Max.) Pin Socket Pin Socket 24-20 0.206 1.80 204938-4 205116-2 204938-3 205116-1 30-26 .071 205791.4 205791.3 205997.1	AWG mm² (Max.) Pin Socket Pin Socket Tool 24-20 0.206 1.80 204938-4 205116-2 204938-3 205116-1 M22520/2-01 30-26 .071 205701.4 205701.3 206987.1 M22520/2-01	AWG mm² (Max.) Pin Socket Pin Socket Tool Positioner 24-20 0.206 1.80 204938-4 205116-2 204938-3 205116-1 M22520/2-01 M22520/2-08 30-26 .071 205701.4 205701.3 205987.1 M23520/2.01 M23520/2.08	AWG mm² (Max.) Pin Socket Pin Socket Tool Positioner Machine 24-20 0.206 1.80 204938-4 205116-2 204938-3 205116-1 M22520/2-01 M22520/2-08 599406-7 30-26 .071 205701.4 205701.3 205927.1 M22520/2.01 M22520/2.08 599406-7

Low Force, ARINC 600 connector contacts, suitable for use in ARINC 404 connectors (see page 3016) Low Force ARINC 600* **24-20** 0.2-0.6 .071 208265-4 208265-3 208267-2 M22520/2-01 M22520/2-08 599406-7 125905-1

Round Solder-Post Contact, Solder Post Diameter .031 [0.79]

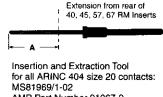
Extension from rear of .150-.160 40, 45, 57, 67 RM Inserts [3.81 - 4.06]

Round Solder-Post Pin Part Number 205547-2 (Loose Piece)

Material — Copper alloy, plated gold over nickel

Wrap-Type Posted Pin, .025 [0.64] Square Post

Α	Part Number					
.430 10.92	206210-2					
.685 17.4	206210-4					
. 185 4.7	206210-6					



AMP Part Number 91067-2

Catalog 1308940 Revised 5-03

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-5-729-0425 South America: 55-11-3611-1514 Hong Kong: 852-2735-1628 Japan: 81-44-844-8013 UK: 44-141-810-8967

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Rack and Panel Connectors

^{*}Color coding, two bands: orange and red.