

MTA-100 IDC Connector Accessories

Covers

Material (RoHS Compliant)

Strain Relief Cover—UL94V-2 rated, nylon, white

Dust Covers—UL94V-0 rated, polyester, white

Cover Ordering Information

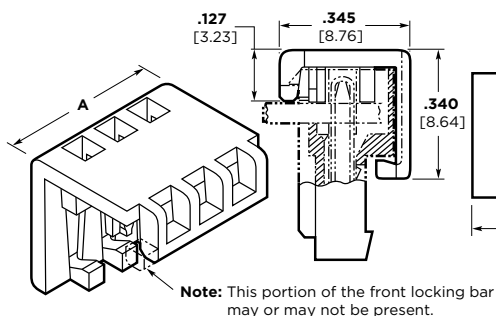
The “Base Part Numbers” Chart at right shows the base part number and number of circuits available for the described cover.

Prefixes and suffixes are determined by the number of circuit positions in the cover. For example, the complete part number for a 10-position closed end strain relief cover would be:

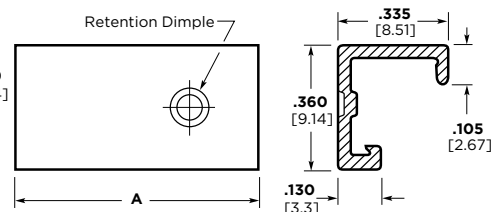
Base number **643075** plus
prefix-and-suffix
1- -0

The correct ordering number is
1-643075-0

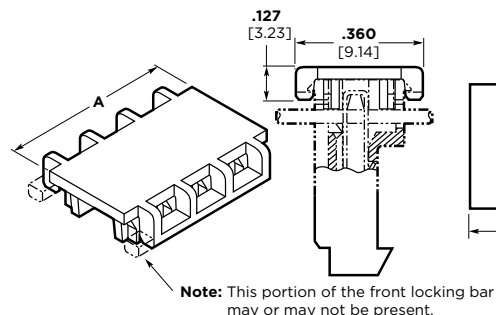
Closed End Strain Relief Covers



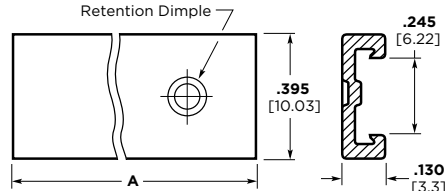
Closed End Dust Covers



Feed-Thru Strain Relief Covers



Feed-Thru Dust Covers



Base Part Numbers

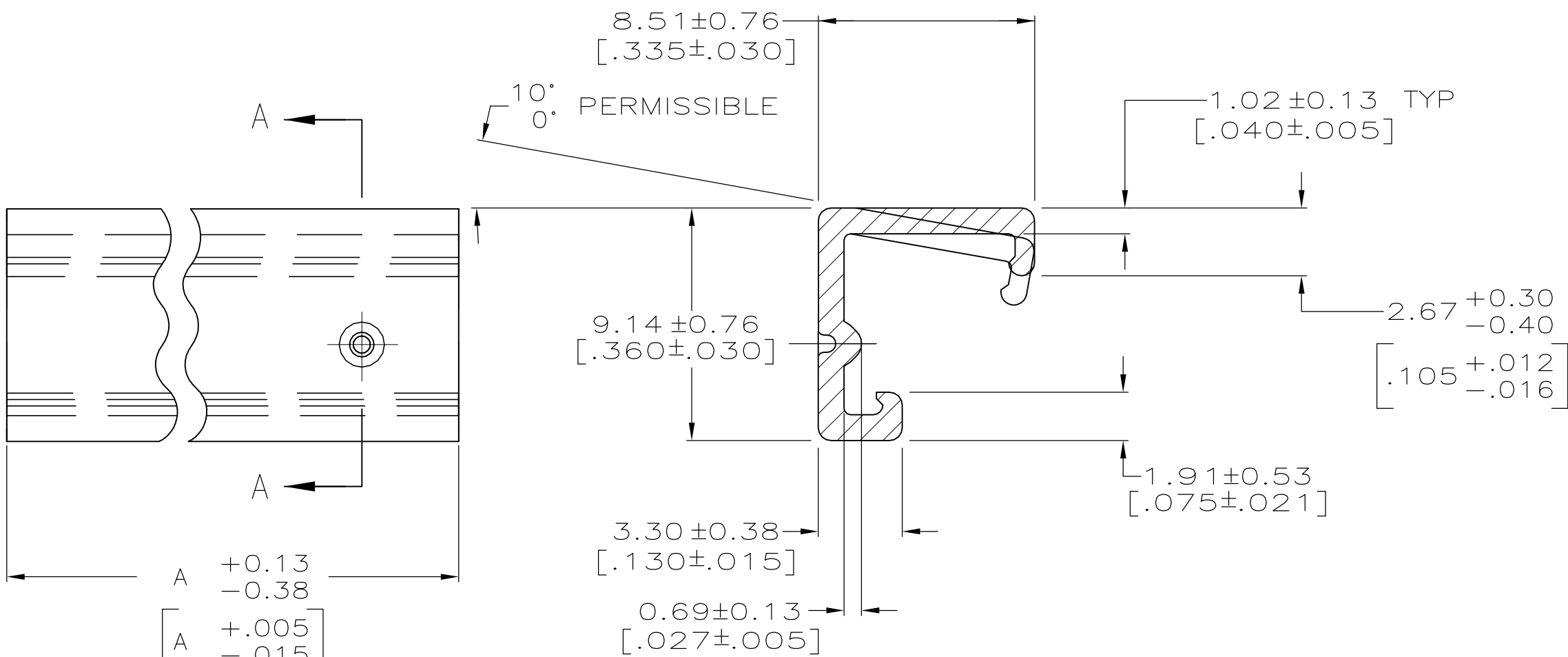
Closed End				Feed-Thru			
Strain Relief Covers		Dust Covers		Strain Relief Covers		Dust Covers	
Cover Part Nos.	No. of Circuits	Cover Part Nos.	No. of Circuits	Cover Part Nos.	No. of Circuits	Cover Part Nos.	No. of Circuits
643075	2-28	640550	2-28	643077	2-28	640642	3-28

Cover Length

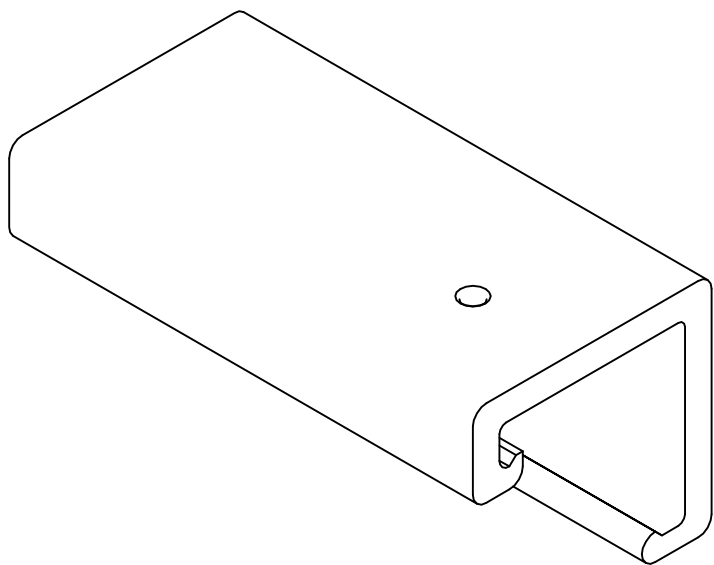
No. of Circuits	Dim. A	Prefix/Suffix	No. of Circuits	Dim. A	Prefix/Suffix	No. of Circuits	Dim. A	Prefix/Suffix	No. of Circuits	Dim. A	Prefix/Suffix
2	.200 5.08	-2	9	.900 22.86	-9	16	1.600 40.64	1- -6	23	2.300 58.42	2- -3
3	.300 7.62	-3	10	1.00 25.4	1- -0	17	1.700 43.18	1- -7	24	2.400 60.96	2- -4
4	.400 10.16	-4	11	1.100 27.94	1- -1	18	1.800 45.72	1- -8	25	2.500 63.5	2- -5
5	.500 12.7	-5	12	1.200 30.48	1- -2	19	1.900 48.26	1- -9	26	2.600 66.04	2- -6
6	.600 15.24	-6	13	1.300 33.02	1- -3	20	2.000 50.8	2- -0	27	2.700 68.58	2- -7
7	.700 17.78	-7	14	1.400 35.56	1- -4	21	2.100 53.34	2- -1	28	2.800 71.12	2- -8
8	.800 20.32	-8	15	1.500 38.1	1- -5	22	2.200 55.88	2- -2			

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
CM	54		L2	REVISED PER ECO-11-016260	11AUG11	JR	SM

1 . DIMENSIONS IN BRACKETS ARE IN INCHES.



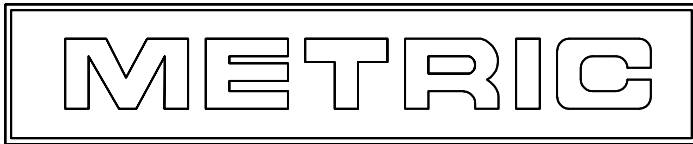
SECTION A-A



3-DIMENSIONAL MODEL
NTS

28	CIRCUIT ASSY	71.12	[2.800]	2-640550-8
27	CIRCUIT ASSY	68.58	[2.700]	2-640550-7
26	CIRCUIT ASSY	66.04	[2.600]	2-640550-6
25	CIRCUIT ASSY	63.50	[2.500]	2-640550-5
24	CIRCUIT ASSY	60.96	[2.400]	2-640550-4
23	CIRCUIT ASSY	58.42	[2.300]	2-640550-3
22	CIRCUIT ASSY	55.88	[2.200]	2-640550-2
21	CIRCUIT ASSY	53.34	[2.100]	2-640550-1
20	CIRCUIT ASSY	50.80	[2.000]	2-640550-0
19	CIRCUIT ASSY	48.26	[1.900]	1-640550-9
18	CIRCUIT ASSY	45.72	[1.800]	1-640550-8
17	CIRCUIT ASSY	43.18	[1.700]	1-640550-7
16	CIRCUIT ASSY	40.64	[1.600]	1-640550-6
15	CIRCUIT ASSY	38.10	[1.500]	1-640550-5
14	CIRCUIT ASSY	35.56	[1.400]	1-640550-4
13	CIRCUIT ASSY	33.02	[1.300]	1-640550-3
12	CIRCUIT ASSY	30.48	[1.200]	1-640550-2
11	CIRCUIT ASSY	27.94	[1.100]	1-640550-1
10	CIRCUIT ASSY	25.40	[1.000]	1-640550-0
9	CIRCUIT ASSY	22.86	[.900]	640550-9
8	CIRCUIT ASSY	20.32	[.800]	640550-8
7	CIRCUIT ASSY	17.78	[.700]	640550-7
6	CIRCUIT ASSY	15.24	[.600]	640550-6
5	CIRCUIT ASSY	12.70	[.500]	640550-5
4	CIRCUIT ASSY	10.16	[.400]	640550-4
3	CIRCUIT ASSY	7.62	[.300]	640550-3
2	CIRCUIT ASSY	5.08	[.200]	640550-2
USED ON MTA 100 CONNECTOR ASSEMBLY AS LISTED		A		PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN T. BECK	7-10-91	TE Connectivity		
DIMENSIONS: MM[INCHES]		CHK R. SWING	7-10-91			
		APVD T. WERT	7-10-91	NAME COVER, MTA-100		
		PRODUCT SPEC		-		
MATERIAL POLYESTER,UL 94V-0 NATURAL		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC		
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH -		-		
		WEIGHT -		SIZE A2	CAGE CODE 00779	DRAWING NO C-640550
		CUSTOMER DRAWING		SCALE 5:1	SHEET 1 of 1	REV L2





MTA 100

TE Internal #: 640550-3

PCB Connector Covers, Cover, 3 Position, .1 in [2.54 mm]

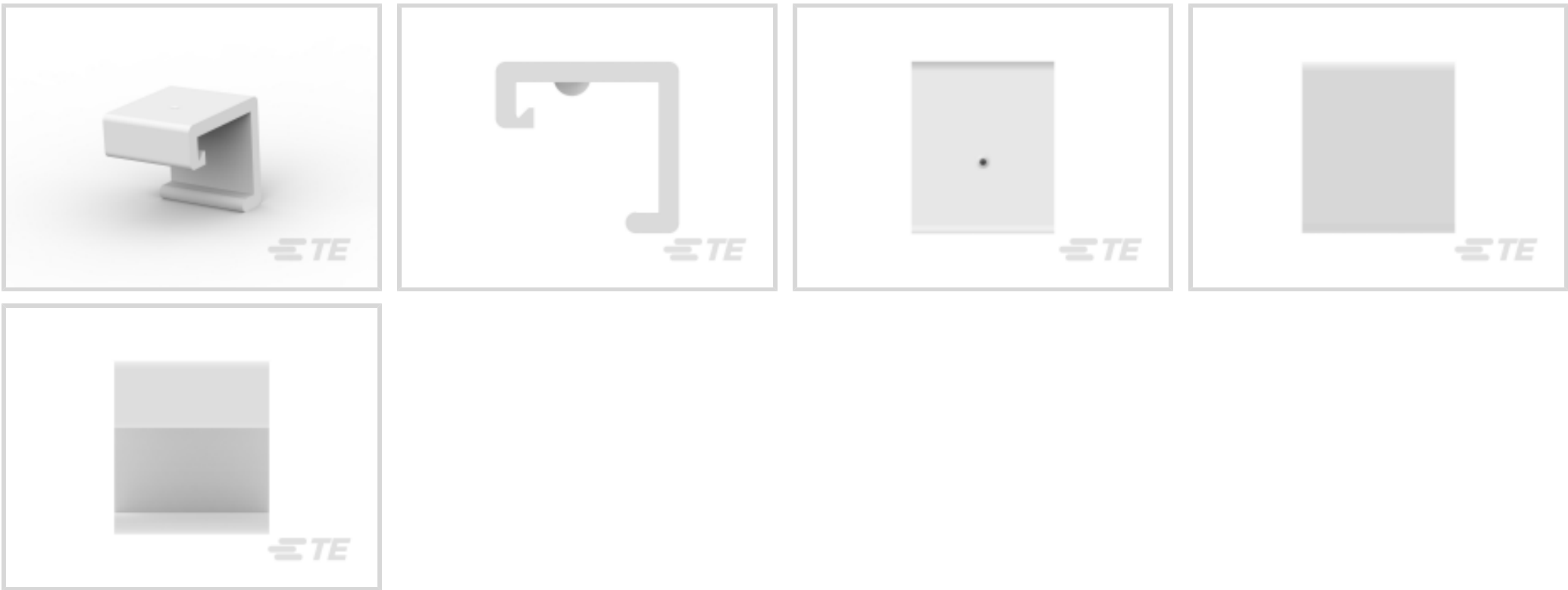
Centerline, Polyester, Standard Product Profile, Dust Protection,

MTA 100

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Connector Accessories > Protection & Strain Relief > PCB Connector Covers >

Polyester PCB Connector Covers: 2.54mm, MTA 100



Protection & Strain Relief Accessory Type: **Cover**

Number of Positions: **3**

Centerline (Pitch): **2.54 mm [.1 in]**

Primary Product Material: **Polyester**

Product Profile: **Standard**

[All Polyester PCB Connector Covers: 2.54mm, MTA 100 \(53\)](#)

Features

Product Type Features

Protection & Strain Relief Accessory Type	Cover
Product Profile	Standard
Connector Cover Type	Dust Protection

Configuration Features

Number of Positions	3
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Body Features

Primary Product Color	Natural
Primary Product Material	Polyester

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Usage Conditions

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Compatible With IDC Installation Type Connector	Closed End
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Industry Standards

UL Flammability Rating	UL 94V-0
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

TE Part # CAT-104MTA-PRSMH
Polyester Right Angle PCB Header: 2.54mm, Shrouded, With Mating Alignment

TE Part # CAT-104MTA-PLSCC
Polyester PCB Connector Covers: 2.54 mm, MTA 100

TE Part # CAT-104MTA-NTPMP
Nylon Tin Plated Plug: 2.54mm, With Mating Alignment, MTA 100

TE Part # CAT-104MTA-NTPMR
Nylon Tin Plated Receptacle: 2.54mm, With Mating Alignment, MTA 100



TE Part # CAT-104MTA-NTPNR
Nylon Tin Plated Receptacle: 2.54mm,
No Mating Alignment, MTA 100

TE Part # CAT-104MTA-PVUNH
Polyester Vertical PCB Header: 2.54
mm, Unshrouded, No Mating
Alignment

TE Part # CAT-104MTA-NGPMR
Nylon Gold Plated Receptacle: 2.54
mm, With Mating Alignment, MTA 100

TE Part # CAT-104MTA-NGPNR
Nylon Gold Plated Receptacle: 2.54
mm, No Mating Alignment, MTA 100

TE Part # CAT-104MTA-PVUMH
Polyester Vertical PCB Header: 2.54
mm, With Mating Alignment,
Unshrouded

TE Part # CAT-104MTA-NVSMH
Nylon Vertical PCB Header: 2.54mm,
Surface Mount, MTA 100

TE Part # CAT-104MTA-PRUSH
Polyester Right Angle PCB Header:
2.54mm, Unshrouded, MTA 100

TE Part # 1375820-3
CST-100 II HOUSING 3 POS

TE Part # CAT-104MTA-PVSHH
Polyester Vertical PCB Header: 2.54
mm, Shrouded, MTA 100

TE Part # CAT-104MTA-PVBRH
Polyester Vertical PCB Header: 2.54
mm, Breakaway, MTA 100

TE Part # CAT-104MTA-PRUMH
Polyester Right Angle PCB Header:
2.54mm, Wire-to-Board, MTA 100

TE Part # CAT-104MTA-NRTHH
Nylon Right Angle PCB Header: 2.54
mm, Wire-to-Board, Through Hole,
MTA 100

TE Part # 3-644893-3
03P CST100 SHRD HDR ASSY LF

TE Part # CAT-104MTA-NVTHH
Nylong Vertical PCB Header: 2.54mm,
Through Hole, MTA 100

TE Part # 3-644892-3
03P CST100 SHRD HDR ASSY LF

TE Part # 3-644694-3
03P MTA100 R/A HDR RETENTIVE

Also in the Series | MTA 100

Insertion & Extraction Tools(2)

PCB Connector Covers(107)

PCB Connector Keying(1)

PCB Headers & Receptacles(1182)



Standard Rectangular Connectors
(1718)



Wire-to-Board Connector Assemblies
& Housings(1)



Wire-to-Board Connector Contacts(18)

Customers Also Bought



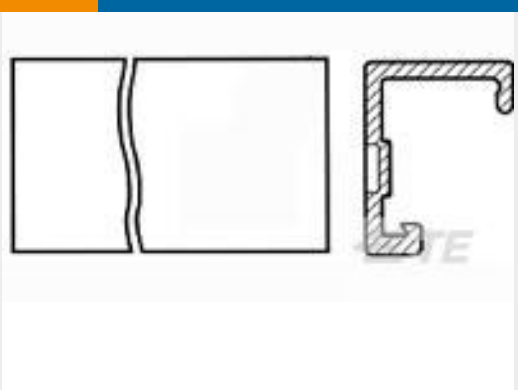
TE Part #640550-8
Polyester PCB Connector Covers: 2.54 mm, MTA 100



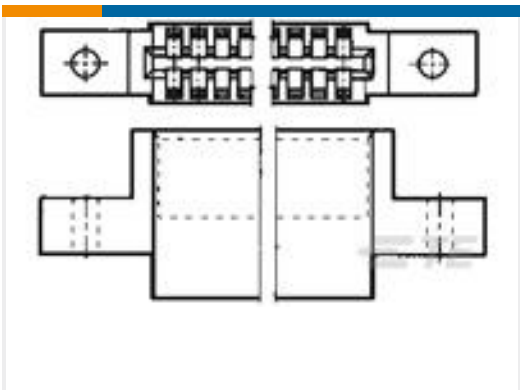
TE Part #3-641190-3
03P MTA100 CONN ASSY RED LF



TE Part #3-641437-6
06P MTA156 PSTD CONN ASSY RED



TE Part #640551-2
02P MTA156 COVER



TE Part #583718-1
TW-LEAF CRP HSG 10 POS 100 C/L



TE Part #GA100K6A1B
DISCRETE 100K OHMS, +/-0.2C 0C TO 70C

Documents

Product Drawings

03P MTA100 COVER

English

CAD Files

Customer View Model

[ENG_CVM_640550-3_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_640550-3_L.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_640550-3_L.2d_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_640550-3_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_640550-3_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_640550-3_G.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[MTA, CST-100 II, SL-156 and AMP Economy Power \(EP\) Connectors](#)

English

Product Environmental Compliance

[MD_640550-3_120320122158](#)

English

[MD_640550-3_120320122158](#)

English