

Quick Reference Guide

.050 CENTERLINE MICRO-MATCH VALUE-LINE

TE Connectivity added a new series of Micro-MaTch connectors to the well-established Micro-MaTch family: “Micro-MaTch Value-line”. This new series features a more economical design and meets the needs of less demanding applications in the Industrial, Consumer and Datacom industry. The Micro-MaTch Value-line is built around the existing high quality Micro-MaTch connector system and has been developed to suit environments where a broad temperature range, many mating cycles and vibration resistance are less relevant. On a pitch of 1.27 mm, Micro-Match Value-line offers a variety of wire-to-board inter-connections.

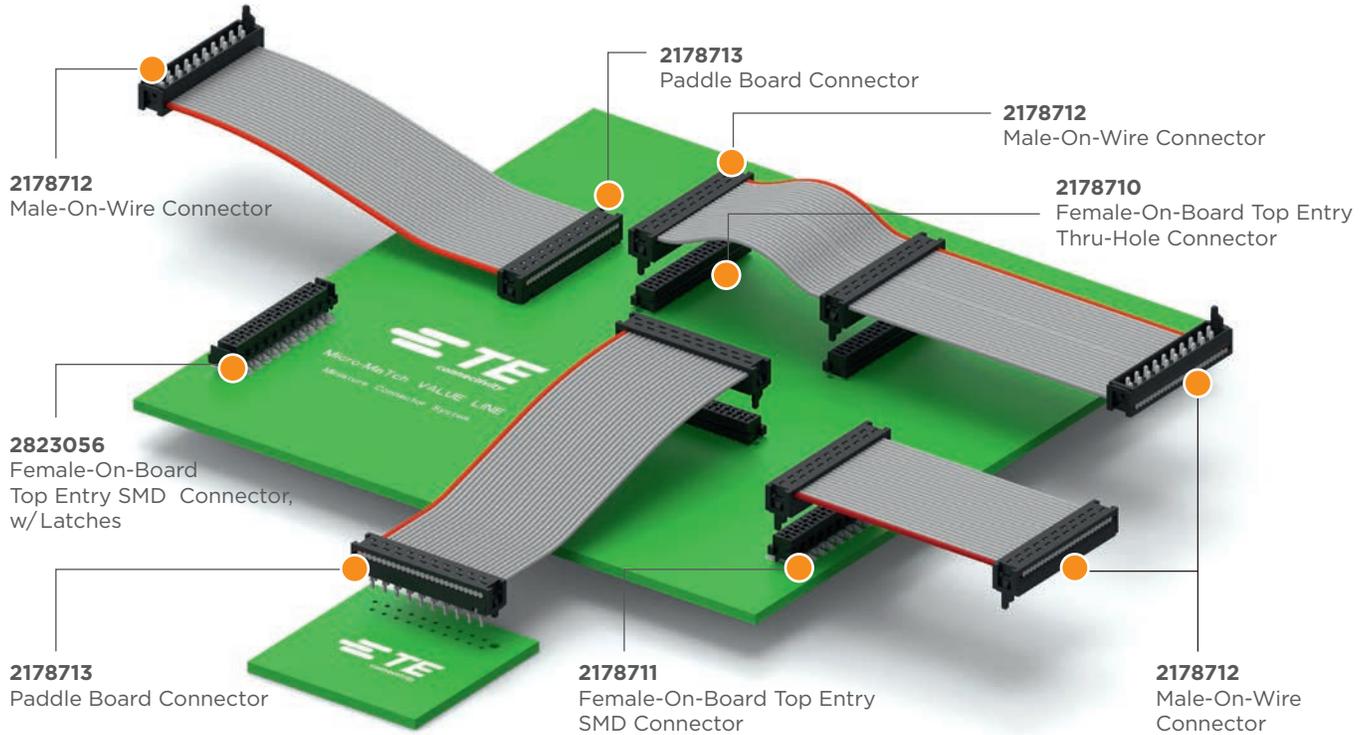
Features and Benefits

- Cost effective Wire to Board system with tin plated contact design
- Miniature connector system to save space on the printed circuit board
- All connectors supplied on Tape & Reel and suitable for automatic placing and termination
- Highly reliable gas tight and corrosion free connections between wire and insulation displacement contacts
- Full range of application tooling from hand tool to fully automated equipment
- Cable connectors accepting all standard ribbon cable

Product Applications

- Home automation and alarm equipment
- Mobile GPS devices
- Lighting
- Air- and climate control units
- CCTV
- Building Surface Control
- Set Top Boxes, Audio- & Video equipment
- Electronic voting machines
- Pay terminals

PRODUCT/APPLICATION SPECIFICATION



APPLICATION TOOLING

Hand Tools		
734155-1	734024-1	654061-1
Pistol grip	Adapter set	Flat Cable cutting tool
Bench Tools		
733280-3	733278-2	1-547008-7
Termination Die Set	Sub-assy toolset (4-20p)	Lever press incl. toolset (4-24p)
Semi-Automatic Tools		
677412-7	519708-1	438685-1
Semi Automatic, Base Press	Toolset for 2178712	Toolset for 2178713

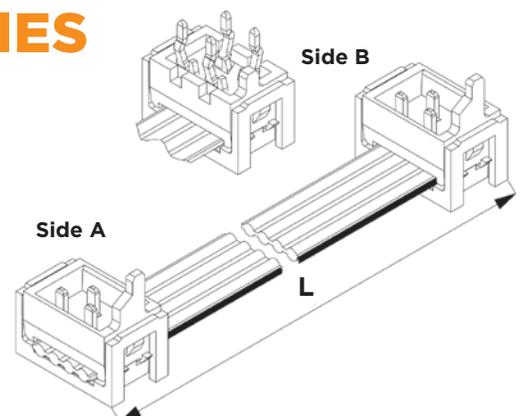
Sample Box
with various
connectors:
1377074-2
(available on
order at TE)

Promotion Kit:
2288485-1

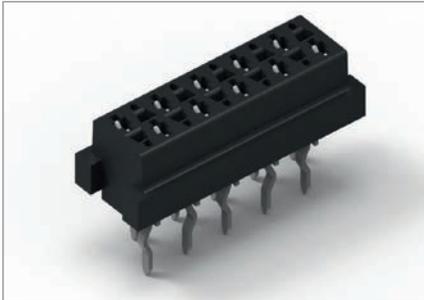
STANDARD CABLE ASSEMBLIES

pos	Partnumber*		Partnumber*	
4	2205103	Side A and B Male-on-Wire 2178712	2205112	Side A Male-on-Wire 2178712
6	2205104		2205113	
8	2205105		2205114	
10	2205106		2205115	
12	2205107		2205116	
14	2205108		2205117	
16	2205109		2205118	
18	2205110		2205119	
20	2205111		2205120	

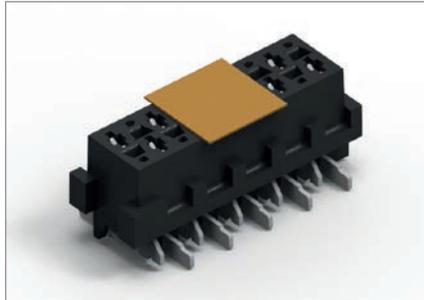
* -1 L=75 mm; -2 L=150 mm; -3 L=200 mm



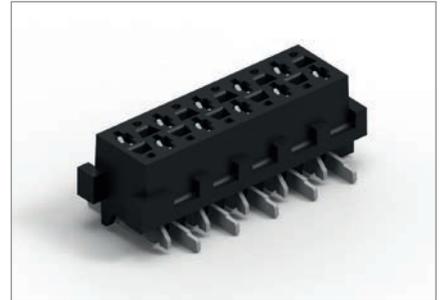
MICRO-MATCH VALUE-LINE PRODUCT PORTFOLIO



2178710
Female-On-Board
True-Hole Top Entry
Mates with 2178712



2178711
Female-On-Board
SMD Top Entry with tape
Mates with 2178712



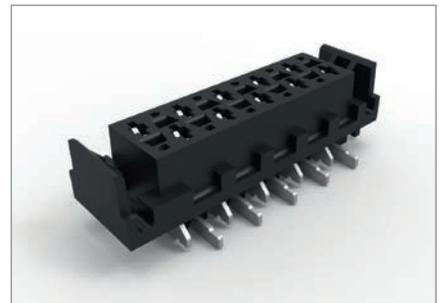
2178711
Female-On-Board
SMD Top Entry without tape
Mates with 2178712



2178713
Paddle Board
Directly on PCB



2178712
Male-On-Wire
Mates with Female-On-Board



2823056
Female-On-Board w and w/o tape
SMD Top Entry w/latches
Mates with 2178712

Female On Board Connector – True Hole: Top Entry										
Position Size		4	6	8	10	12	14	16	18	20
Base Number	2178710	-4	-6	-8	-10	-12	-14	-16	-18	-20
Pack Size	Reel	2500	2500	2500	2500	2500	2500	2500	2500	2500

Female On Board Connector – Surface Mount: Top Entry										
Position Size		4	6	8	10	12	14	16	18	20
Base Number	2178711	-4	-6	-8	-10	-12	-14	-16	-18	-20
	With kapton P&P tape	-74	-76	-78	-80	-82	-84	-86	-88	-90
Base Number	2823056 *	-4	-6	-8	-10	-12	-14	-16	-18	-20
	With kapton P&P tape	-74	-76	-78	-80	-82	-84	-86	-88	-90
Pack Size	Reel	900	900	900	900	900	900	900	900	900

Male On Wire Connector										
Position Size		4	6	8	10	12	14	16	18	20
Base Number	2178712	-4	-6	-8	-10	-12	-14	-16	-18	-20
Pack Size	Reel	2500	2500	2500	2500	2500	2500	2500	2500	2500

Paddle Board Connector										
Position Size		4	6	8	10	12	14	16	18	20
Base Number	2178713	-4	-6	-8	-10	-12	-14	-16	-18	-20
Pack Size	Reel	2500	2500	2500	2500	2500	2500	2500	2500	2500

* available per 2015