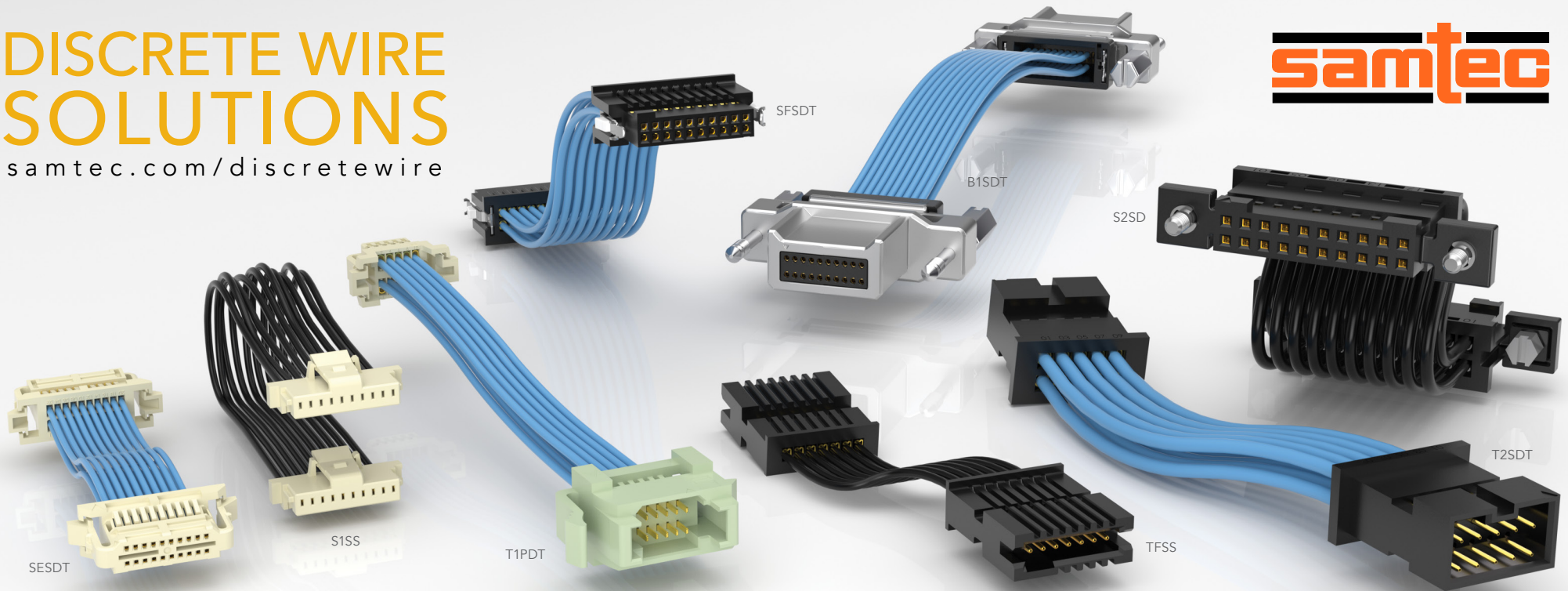


DISCRETE WIRE SOLUTIONS

samtec.com/discretewire



	SESDT	S1SS(T)/ S1SD(T)		T1SS(T)/T1PS(T), T1SD(T)/T1PD(T)		B1SD(T)***	P1PD(T)***	SFSS(T)/ SFSD(T)		TFSS(T)/ TFSD(T)		S2SD(T)	T2SD(T)
Brand	Tiger Eye™	Micro Mate™				URSA® I/O		Tiger Eye™				Tiger Eye™	
Rows	Double	Single	Double	Single	Double	Double		Single	Double	Single	Double	Double	
Pitch	0.80 mm	1.00 mm				1.00 mm		.050" (1.27 mm)				2.00 mm	
AWG	32	28-30				28-30		28-30				24-30	
Teflon™ Fluoropolymer* Available	√	√				√		√				√	
Total Pins Available	10-40	2-20	4-40	2-20	4-40	8-80		2-50	4-100	2-50	4-100	4-60	
Rugged Features: Plastic (P), Metal (M) or Friction (F) Latch; Shield (S); Screw Downs (SD) or Panel Screws (PS)	P	P				S, PS		M	M,SD			M, SD	
Current Carrying Capacity (max)	1.9 A	2.7 A				3.8 A		2.9 A				3.8 A	
Voltage Rating (VAC/VDC)	200/283	250/353				200/282		275/389				250/354	
Vertical Mated Height**	.349"	.259"	.349"	TBD		TBD		.568"				.513"	.621"
Color Code Option		√		√		√		√				√	
Available Platings	10 μ" Gold	3 μ" Gold				30 μ" Gold		3 μ", 10 μ" or 30 μ" Gold				10 μ" or 30 μ" Gold	3 μ", 10 μ" or 30 μ" Gold
Mate	TEM-L1	T1M	T1M	S1SS(T)	S1SD(T)	P1M, P1PD(T)	B1SD(T)	TFM(L)/TFC/TFSXX	SFM(L)/SFC/SFSXX	T2M/T2SDX	S2M/S2SDX		
Body	ISDE	ISS1	ISD1	IST1/ISP1	IDT1/IDP1	B1SDS, IBT1	P1PDS, IPP1	ISDF	TSDF	ISD2	ITD2		
Contacts	CC396	CC09X		TC37X		CC508	TC145	CC03X	T1M44-X	CC81X	T1M82-X		
Hand Tool	CAT-HT-396-3232-12	CAT-HT-309-2830-12		CAT-HT-1137-2830-12		CAT-HT-508-2830-12	CAT-HT-1145-2830-12	CAT-HT-203-2830-12	CAT-HT-144-2830-12	CAT-HT-281-2430-13			

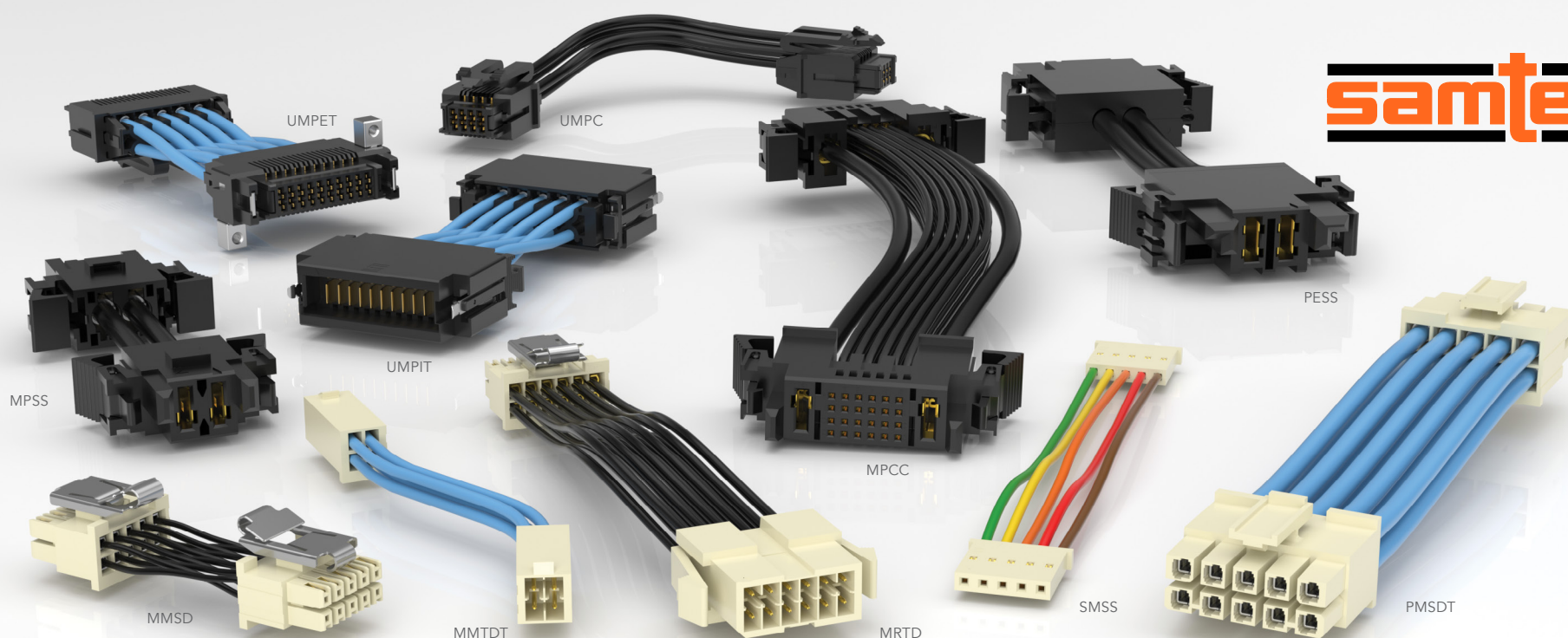
* Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Samtec

** Dimension from top of board to top of mated set.

*** Not all series/options are released.

Not all options are catalog standard.

January 2025



	UMPC(T)	UMPI(T)	UMPE(T)	MMSS(T)/ MMSD(T)		MMTS(T)/ MMTD(T)		MRTD(T)	SMSS/SMSD		PMSS(T)/PMSD(T)		MPSS	MPCC	PESS	
Brand	mPOWER®			Mini Mate®						Power Mate®		PowerStrip™/30			PowerStrip™/40	
Rows	Single			Single	Double	Single	Double	Double	Single	Double	Single	Double	Single	Single (pwr) Quad (sig)	Single	
Pitch	2.00 mm			.100" (2.54 mm)						.165" (4.19 mm)		5.00 mm	5.00 mm (pwr) 2.00 mm (sig)	.250" (6.35 mm)		
AWG	16-18			20-30					24-26		16-24		14-16	14-16 (pwr) 24-30 (sig)	10-12	
Teflon™ Fluoropolymer* Available	√			√							√					
Total Pins Available	2-10			2-25	4-50	2-25	4-50	4-30	2-20	4-40	2-10	4-30	2-8	4 (pwr), 16 & 24 (sig)	2-8	
Rugged Features: Plastic (P), Metal (M) or Friction (F) Latch; Shield (S); Screw Downs (SD) or Panel Screws (PS)	P, M			P, M				P			P, M		P		P	
Current Carrying Capacity (max)	18 A			4.8 A					4.2 A		10.4 A		30 A	23.2 A (pwr), 3.4 A (sig)	40 A	
Voltage Rating (VAC/VDC)	435/615			275/389					406/574		300/424		350/495			450/636
Vertical Mated Height**	TBD			.635"		N/A			Varying		.890"	.893"	.973"	.970"	1.348"	
Color Code Option	√			√						√						
Available Platings	Tin, 10 μ" or 30 μ" Gold			3 μ", 10 μ" or 30 μ" Gold					3 μ" or 10 μ" Gold		Tin		Tin, 10 μ" Gold			Tin, 10 μ" or 30 μ" Gold
Mate	UMPT	UMPE(T)	UMPI(T)	IPL1/MMTXX		MMSXX		MMSDX	.100" Header		IPBT		MPT	MPTC	PET	
Body	IMPC		IMPE	IPD1		IPM1		IPR1	ISSM	ISDM	IPBD		IMS5	IMSC5	IPS6	
Contacts	CC489		TC146	CC79X		T1M74-X			CC83X		CC69X		CC46X	CC46X (pwr) CC81X (sig)	CC10X	
Hand Tool	CAT-HT-489-1618-13			CAT-HT-179-2030-13		CAT-HT-174-2030-13			CAT-HT-383-2426-13		CAT-HT-169-1618-13, CAT-HT-169-1620-13, CAT-HT-169-2024-13		CAT-HT-246-1416-14	CAT-HT-246-1416-14, CAT-HT-281-2430-13	CAT-HT-310-1012-14	

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** Dimension from top of board to top of mated set.

Not all options are catalog standard.