

26, 28, and 30 AWG

6

TS2 C 7 M 26 B - K K - Kit Packaging (one unit/bag)
[blank] - Bulk Packaging
Consult factory for other options Connector Type:-**C** - Cable-End Clamp Set per Cable O.D. Range for Cable-End and Cable-to-Cable only: **A** - 0.110 - 0.140 [2.8 - 3.6] **B** - 0.140 - 0.180 [3.6 - 4.6] **C** - 0.180 - 0.216 [4.6 - 5.5] # of contacts:-**2-5** for #20 **6-9** for #26 Contact Size: **20** - 20, 22, 24, 26 AWG wires **26** - 26,28, 30 AWG wires Gender: M - Male (Pin) F - Female (Socket) Refer to TS2P SERIES drawing for mating Panel-mount connectors. Refer to TS2L SERIES drawing for mating Cable-to-Cable connectors.

> **SPECIFICATIONS: MECHANICAL** Mating / Locking Type: Threaded Coupling 5,000 cycles minimum 10 lb. [44.5 N] maximum Insertion or Withdrawal Operating Forces Vibration Mil-Std 202G Method 201A Panel-Mount Hex Nut Tongue 40 in-lb [4.5 Nm] maximum Threaded on metal Clamp Cable Securing System: ELECTRICAL Voltage Rating 125 V AC/DC for 2-5 contact arrangements 30 V AC/DC for 6-9 contact arrangements Refer to Current Carry Capacity Table **Current Rating** Insulation Resistance 1000 MΩ minimum Contact Resistance 10 mΩ typical EMI Shielding **ENVIRONMENTAL** Temperature Limits -40°C to +135°C (-40°F to +275°F) Refer to Current Carry Capacity Table Operating Temperature Range Mil-Std 202G Method 106G Moisture Resistance Mil-Std 202G Method 302 Insulation Resistance Mil-Std 202G Method 107G

Mil-Std 202G Method 101E

Copper Alloy, nickel plated

Thermoplastic Elastomer

NEMA 250 6P

IP66, IP67, IP68 (6 ft. for 24 hours) per IEC60529,

Copper Alloy, gold plated with Stainless Steel locking clip

Copper Alloy, electroless nickel plated

Medical Technology LCP, natural

Contacts	Wire (awg)	Curre	Minimum Test Voltage	Voltage (V rms) tested per						
		45°C max.	65°C max.	85°C max.	100°C max.	110°C max.	(V rms)	UL2238		
2 #20	20	10	9	8	7*	6				
	22	8.5	7.5	7.5	5.5*	4.5]			
	24	7	6	5	4.5*	3.5				
	26	4	4	3.5	3.5*	2.5				
3 #20	20	9.5	8.5	7.5	6.5*	5				
	22	8	7	6	5*	4		125		
	24	6	5.5	4.5	4*	3				
	26	3.5	3.5	3	3*	2.5	1300			
4 #20	20	9	8	7	6*	5	1300	125		
	22	7.5	6.5	5.5	4.5*	3.5				
	24	5	4.5	4	3.5*	2.5				
	26	3	3	2.5	2.5*	2				
5 #20	20	8	7.5	6.5	5.5*	4.5				
	22	6.5	5.5	5	4*	3		I		
	24	4.5	4	3.5	3*	2.5				
	26	2.5	2.5	2	2*	1.5				
6-7 #26	26	2.5	2.5	2	2*	1.5				
	28	2	2	1.5	1.5*	1				
	30	1.5	1.5	1	1*	.5	1000	30		
8-9 #26	26	2	2	1.5	1.5*	1	1000	30		
	28	1.5	1.5	1	1*	.5				
	30	1 does not exce	1	.5	.5*	.5				

CUSTOMER DRAWING

								RIBES A DESIGN C NC. AND IS RELEA							
				UNLESS OTHERWISE SPECIFIED	SIZE	W	/IDTH	MULT	L	.BS/M		TEMI	PER		
					1. ALL DIMENSIONS IN INCHES [mm]	FINISH				MATERIAL					
					- TWO PLACE DECIMALS ±0.02 [0.5]	SPEC No. FIRST USED ON SCALE 3:1			SPEC No.						
					- THREE PLACE DECIMALS ±0.005 [0.13]				3:1	– Swife here f					30
ОВ	10 lb WAS 5 lb	09/22/16	PNK	SRC		DATE DRAWN	BY	CHKD	APVD				JL		
						04/40/40		PNK	SRC						
0A	PRELIMINARY	04/19/16	PNK	SRC		04/19/16	PNK	04/19/16	04/19/16	5	SHEET	1	OF	2	
EV	ECO NUMBER	DATE	BY	APVD		NAME	CAE	BLE-END		PART No.				REV	
REVISIONS				DO NOT SCALE DRAWING	TS2 SERIES CONNECTOR T			TS	TS2C SERIES (0E			

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SolidWorks CAD File (C)

26

7

D

С

Ε

В

Α

REMTOOL26

8

