

26, 28, and 30 AWG

5

6

26

7

Ε

D

С

В

Α

REMTOOL26

8

TS2 C 7 M 26 B - K Options: **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
Life	5,000 cycles minimum
Operating Forces	10 lb. [44.5 N] maximum Insertion or Withdrawal
Vibration	Mil-Std 202G Method 201A
Panel-Mount Hex Nut Tongue	40 in-lb [4.5 Nm] maximum
Cable Securing System:	Threaded on metal Clamp
ELECTRICAL	
Voltage Rating	125 V AC/DC for 2-5 contact arrangements
	30 V AC/DC for 6-9 contact arrangements
Current Rating	Refer to Current Carry Capacity Table
Insulation Resistance	1000 MΩ minimum
Contact Resistance	10 mΩ typical
EMI Shielding	360°
ENVIRONMENTAL	
Temperature Limits	-40°C to +135°C (-40°F to +275°F)
Operating Temperature Range	Refer to Current Carry Capacity Table
Moisture Resistance	Mil-Std 202G Method 106G
Insulation Resistance	Mil-Std 202G Method 302
Thermal Shock	Mil-Std 202G Method 107G
Salt Atmosphere (Corrosion)	Mil-Std 202G Method 101E
Ingress Protection Ratings	IP66, IP67, IP68 (6 ft. for 24 hours) per IEC60529, NEMA 250 6P
MATERIAL	
Outer Shell Metal components	Copper Alloy, electroless nickel plated
Hex Nut & Inner Metal components	Copper Alloy, nickel plated
Electrical Insulator	Medical Technology LCP, natural
Seal O-rings	Thermoplastic Elastomer
Contacts Assembly	Copper Alloy, gold plated with Stainless Steel locking clip
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Contacts	Wire (awg)	Curre	Minimum Test Voltage	Voltage (V rms) tested per				
	ν Ο,	45°C max.	65°C max.	85°C max.	100°C max.	110°C max.	(V rms)	UL2238
	20	10	9	8	7*	6		
2 420	22	8.5	7.5	7.5	5.5*	4.5		
2 #20	24	7	6	5	4.5*	3.5		
	26	4	4	3.5	3.5*	2.5		
	20	9.5	8.5	7.5	6.5*	5		
3 #20	22	8	7	6	5*	4		125
3 #20	24	6	5.5	4.5	4*	3		
	26	3.5	3.5	3	3*	2.5	1300	
	20	9	8	7	6*	5		
4 #20	22	7.5	6.5	5.5	4.5*	3.5		
4 #20	24	5	4.5	4	3.5*	2.5		
	26	3	3	2.5	2.5*	2		
	20	8	7.5	6.5	5.5*	4.5		
5 #20	22	6.5	5.5	5	4*	3		
	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	1	.5	.5* ording to UL2	.5		

CUSTOMER DRAWING

						THIS DRAWING DESCRIBES A DESIGN CONSIDERED PROPRIETARY IN NATURE, DEVELOPED AND MANUFACTURED BY SWITCHCRAFT INC. AND IS RELEASED ON A CONFIDENTIAL BASIS FOR IDENTIFICATION PURPOSES ONLY.								
					UNLESS OTHERWISE SPECIFIED	SIZE	W	/IDTH	MULT	L	BS/M	TEI	MPER	
					1. ALL DIMENSIONS IN INCHES [mm]	FINISH				MATERIAL				
					- TWO PLACE DECIMALS ±0.02 [0.5]	SPEC No.				SPEC No.				
					1WO 1 E/ (GE BEGIWI/ (E) 10.02 [0.0]	FIRST USED ON SCALE 3:1								
					- THREE PLACE DECIMALS ±0.005 [0.13]				-Swifehere fi					
0В	10 lb WAS 5 lb	09/22/16	PNK	SRC		DATE DRAWN	BY	CHKD	APVD				ſŢ	
		00/22/10				04/40/40 DNIK	PNK	SRC						
0A	PRELIMINARY	04/19/16	PNK	SRC		04/19/16	PNK	04/19/16	04/19/16	5	SHEET	l of	2	
EV	ECO NUMBER	DATE	BY	APVD		NAME	_	BLE-END		PART No.				REV
REVISIONS		DO NOT SCALE DRAWING	TS2 SERIES CONNECTOR TS2C SERIES			RIES		0E						

SolidWorks CAD File C

