

REMTOOL26

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26, 28, and 30 AWG

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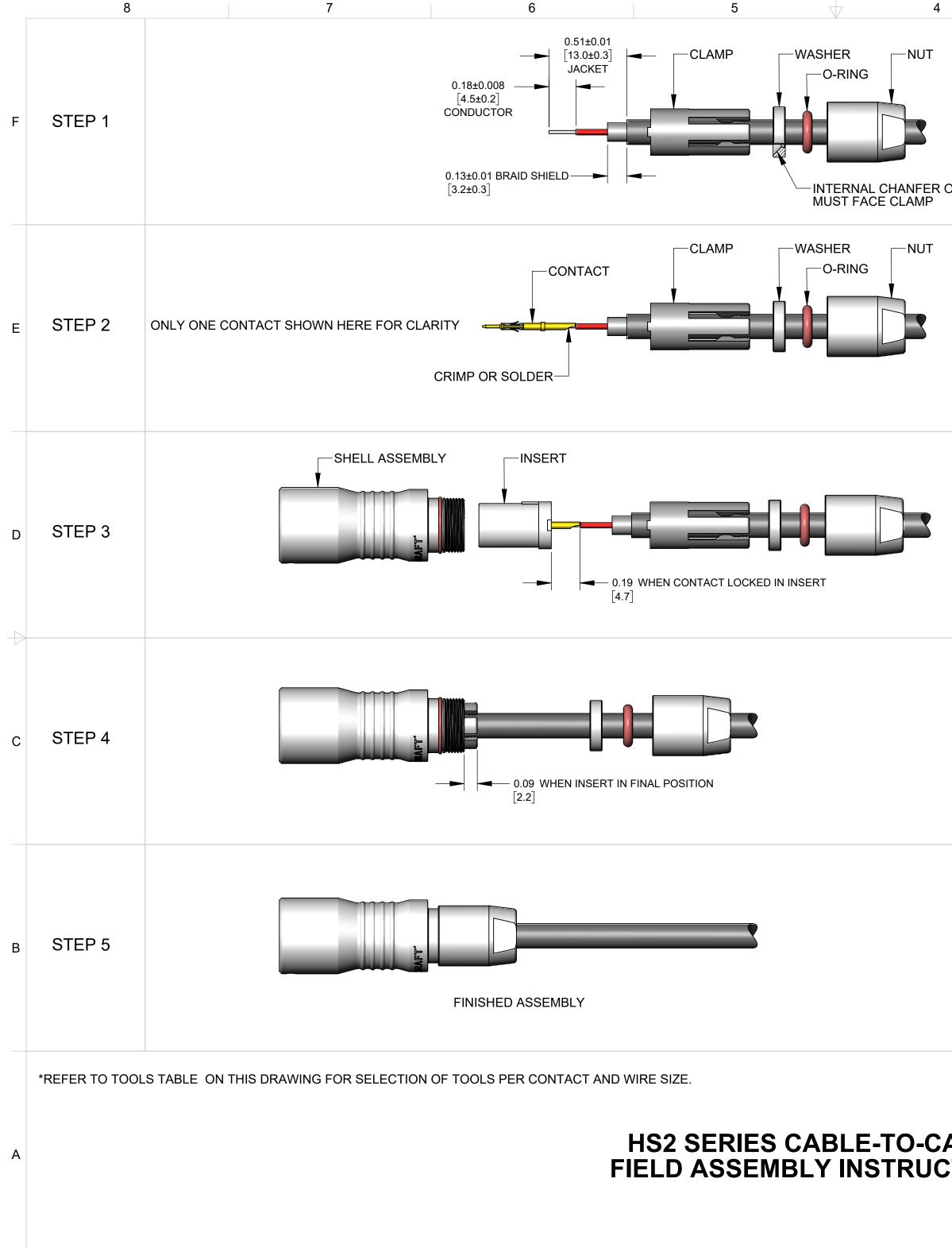
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	SPECIFICATIONS:	
MECHANICAL		E
Mating / Locking Type:	Push-Pull automatic locking/unlocking	
Life	5,000 cycles minimum	
Operating Forces	10 lb. [44.5 N] maximum Insertion or Withdrawal	
Vibration	Mil-Std 202G Method 201A	
Panel-Mount Hex Nut Torque	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	
Ground Spring Washer	Stainless Steel	
Electrical Insulator	Medical Technology LCP, natural	
Seal O-rings	Silicone, red	
Contacts	Copper Alloy, gold plated with Stainless Steel locking clip	

Contacts	Wire (awg)	Curre	nt Rating (A)	Minimum Test Voltage	Voltage (V rms) tested per	С			
		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 #20	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			
3 #20	20	9.5	8.5	7.5	6.5*	5			
2 #20	22	8	7	6	5*	4			
3 #20	24	6	5.5	4.5	4*	3			
Contacts 2 #20 3 #20 4 #20 5 #20 6-7 #26 8-9 #26	26	3.5	3.5	3	3*	2.5	1400	125	
2 #20 3 #20 4 #20 5 #20 6-7 #26	20	9	8	7	6*	5	1400	123	
	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			
	20	8	7.5	6.5	5.5*	4.5			
	22	6.5	5.5	5	4*	3			
5 #20	24	4.5	4	3.5	3*	2.5			_
	26	2.5	2.5	2	2*	1.5			B
	26	2.5	2.5	2	2*	1.5			
3 #20 4 #20 5 #20	28	2	2	1.5	1.5*	1			
	30	1.5	1.5	1	1*	.5	1000	30	
	26	2	2	1.5	1.5*	1	1000	30	
8-9 #26	28	1.5	1.5	1	1*	.5			
	30	1	1	.5	.5*	.5			

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04/22/10		-		04/00/40		PNK	SRC						
04/22/16	PNK	SRC		DATE DRAWN	BY	CHKD	APVD	DU	Ľ		Hr		
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				FINISH SPEC No									
			1 ALL DIMENSIONS IN INCHES [mm]					MATERIAL					
			UNLESS OTHERWISE SPECIFIED	SIZE	W	/IDTH	MULT	LBS/M		TEM	TEMPER		
				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.									
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