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Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

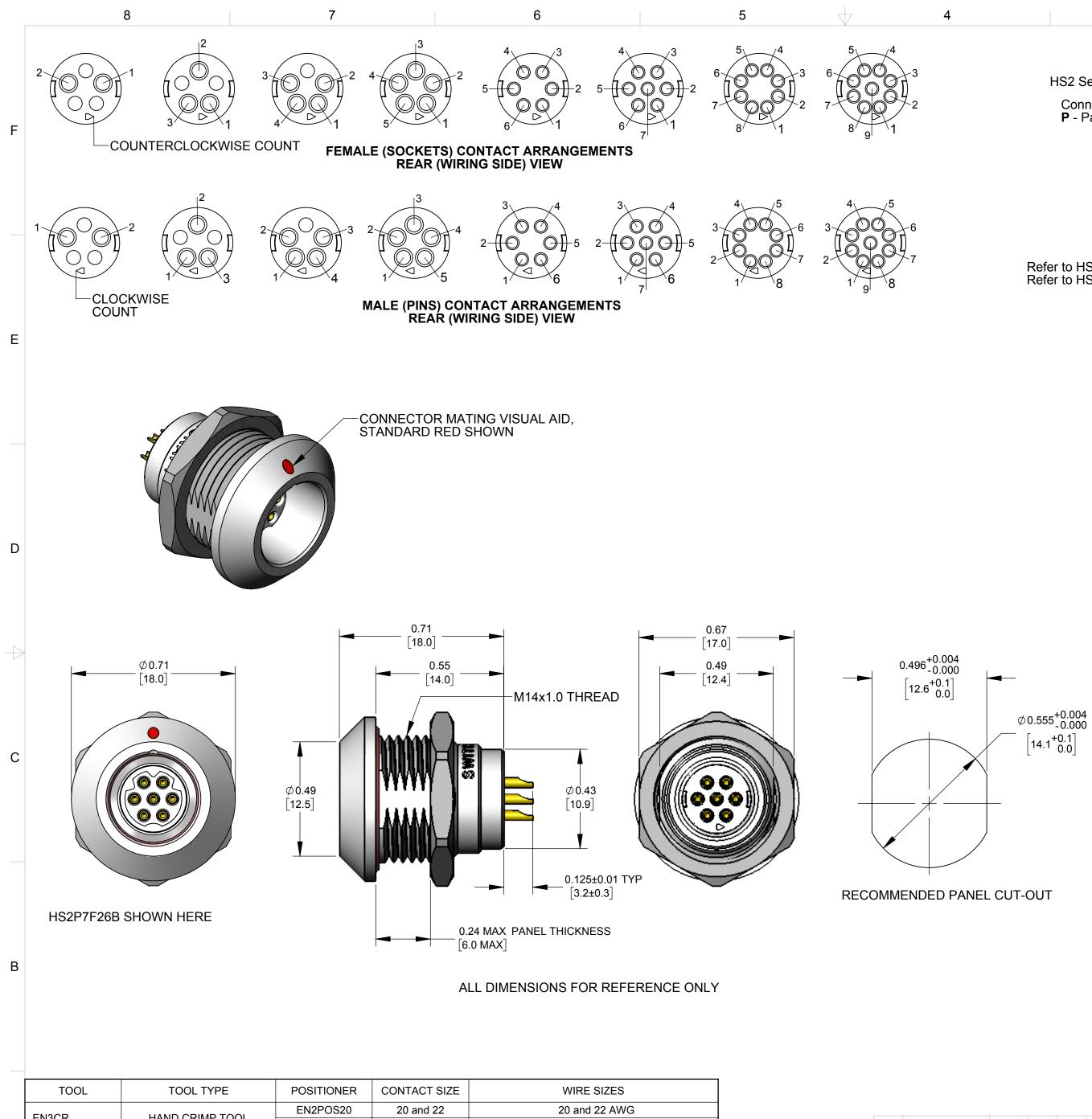
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



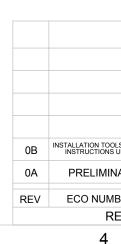
Contact us

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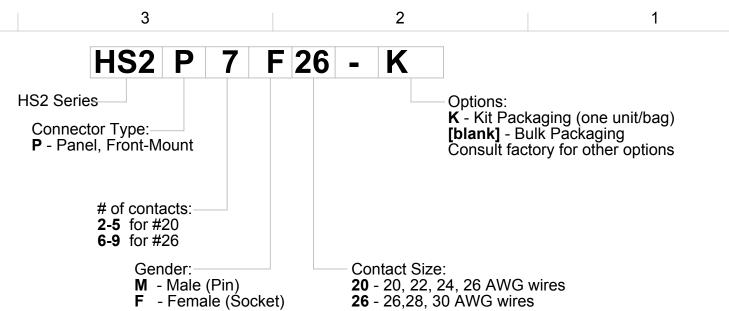




	TOOL	TOOL TYPE	POSITIONER	CONTACT SIZE	WIRE SIZES		
	EN3CR	HAND CRIMP TOOL	EN2POS20	20 and 22	20 and 22 AWG		
	ENSCR	HAND CRIMP TOOL	EN3POS26	26	26, 28, and 30 AWG		
	EN3CRAUTO	PNEUMATIC CRIMP TOOL	EN2POS20	20 and 22	20 and 22 AWG		
	ENJORAUTO	FINEDWATIC CRIMF TOOL	EN3POS26	26	26, 28, and 30 AWG		
A	EN2CRL	HAND CRIMP TOOL LARGE FRAME	– EN2POS20L	20 and 22	20, 22, 24, and 26 AWG		
	EN2CRAUTOL	PNEUMATIC CRIMP TOOL LARGE FRAME	ENZF 0320L		20, 22, 24, and 20 Awg		
	INSTOOL20	CONTACT INSERTION		20 20, 22, 24, a			
	INSTOOL26	CONTACT INSERTION		26 26, 28, and			
	REMTOOL20	CONTACT EXTRUCTION		20	20, 22, 24, and 26 AWG		
	REMTOOL26	CONTACT EXTRUCTION		26	26, 28, and 30 AWG		
8		8	7		6		



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Refer to HS2C SERIES drawing for mating Cable-End connectors. Refer to HS2L SERIES drawing for Cable-to-Cable connectors.

	SPECIFICATIONS:
MECHANICAL	
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 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
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)	\mathbf{J}				e (°C)	Minimum Test Voltage	(V rms) tested per	
		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			
	20	9.5	8.5	7.5	6.5*	5			
3 #20	22	8	7	6	5*	4			
3 #20	24	6	5.5	4.5	4*	3			
	26	3.5	3.5	3	3*	2.5	1400	125	
	20	9	8	7	6*	5	1400		
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			
5 #20	24	4.5	4	3.5	3*	2.5			
	26	2.5	2.5	2	2*	1.5			
	26	2.5	2.5	2	2*	1.5			
6-7 #26 [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			
Γ	30	1	1	.5	.5*	.5	1		

CUSTOMER DRAWING

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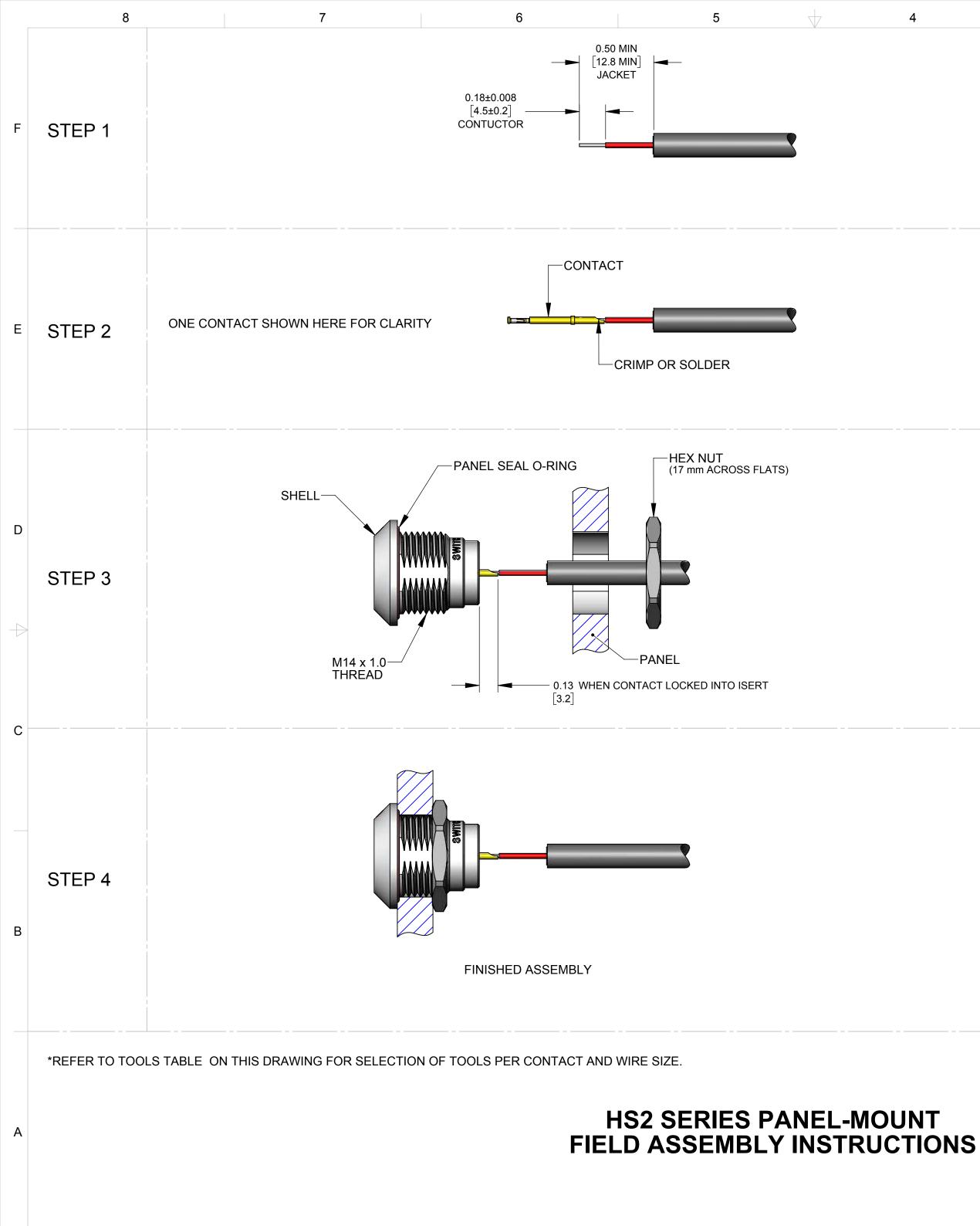
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											NATURE, DEVI				D	
				UNLESS OTHERWISE SPECIFIED	BY SWITC SIZE	-	INC. AND IS F VIDTH		N A CONFIE MULT	DENTIAL BAS	IS FOR IDENTII	FICATION F	TEMI			
				1. ALL DIMENSIONS IN INCHES [mm]	FINISH SPEC No.					MATERIA SPEC No						A
S CHANGE, IPDATE				- TWO PLACE DECIMALS ±0.02 [0.5] - THREE PLACE DECIMALS ±0.005 [0.13]	FIRST USED ON		N СНКІ	SCALE 3:1 IKD APVD		- Switchers			N F P			
	04/22/16 01/06/16		SRC SRC		01/06/16	PNK	DNK	K S	SRC /06/16		SHEET	1	OF	2		
BER EVISIO	DATE NS	BY	APVD	DO NOT SCALE DRAWING	NAME FR HS2 SE	-	PANEL-I		RoHS	PART NO	S2P SI	ERIE	S		DB	
				SolidWorks CAD File	С											



8	7	6	5

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3	2		1	1
STRIP THE CABLE OR SIN	CLE CONDUCTORS	AS SHOWI	Ν.	F
CRIMP CONDUCTORS TO WITH CRIMP POSITIONER IF SOLDERING, IT IS RECO BEFORE INSTALLATION.	* SET PER CONTAC	T SIZE AND) WIRE GAGE.	E
INSTALL PANEL SEAL O-R <u>NOTE:</u> CONVENIENTLY, C AFTER SHELL INST GUIDE EACH WIRED CONT SNAPS IN PLACE. USE INS COLORED CONDUCTORS AS DESIRED. TO REMOVE A CONTACT, INSERT AND LIGHTLY PRE THE CONTACT OUT.	ONTACTS CAN BE I FALLATION ON THE FACT INTO INSERT I SERTION TOOL* IF N CAN BE ASSIGNED INSERT THE EXTRA	NSTALLED PANEL. HOLE AND ECESSAR TO CONTA	PUSH UNTIL CONTAC Y. CT POSITION NUMBE	RS ſ OF ←
ALIGN AND INSTALL FINIS TIGHTEN HEX NUT TO A M A 17 mm WRENCH CAN BE	IAXIMUM OF 40 IN-L			B
		SCALE 2:1 DATE DRAWN 01/06/16 DRAWN BY PNK	SWIFGINGFA SHEET 2 OF 2 PART NO. HS2P SERIES_CD	REV OB

SolidWorks CAD File C