



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!



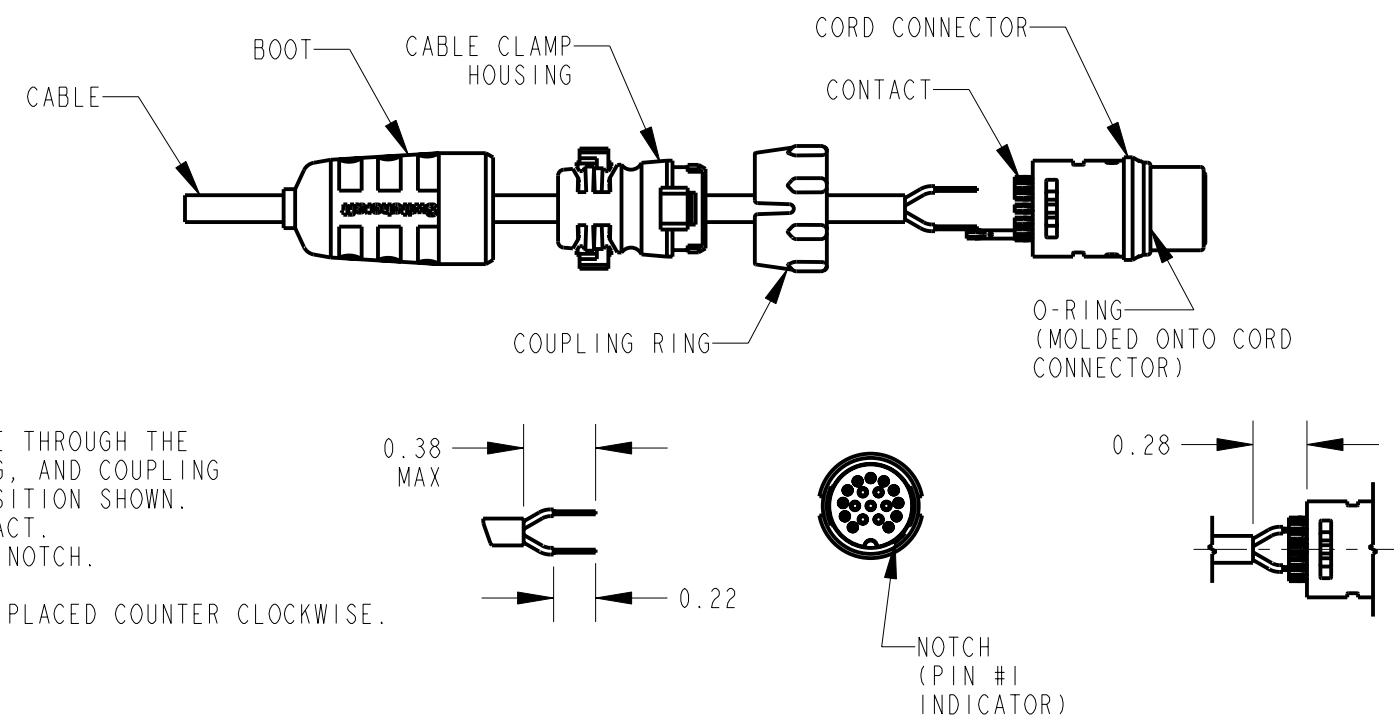
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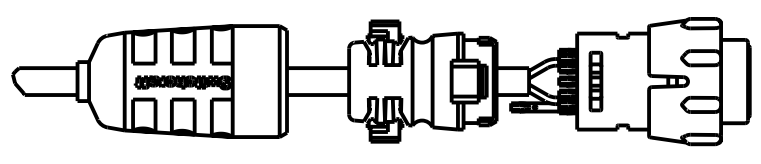
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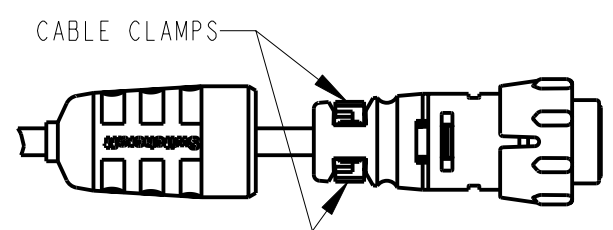




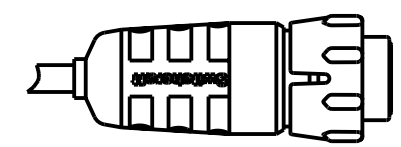
**STEP 1**  
 STRIP CABLE AS SHOWN.  
 FEED THE END OF THE CABLE THROUGH THE BOOT, CABLE CLAMP HOUSING, AND COUPLING RING IN THE ORDER AND POSITION SHOWN. SOLDER CONDUCTOR TO CONTACT. CONTACT #1 TO BE NEXT TO NOTCH.  
 \*\*REMAINING CONTACTS TO BE PLACED COUNTER CLOCKWISE.



**STEP 2**  
 ALIGN COUPLING RING'S TABS WITH CORD CONNECTOR'S SIDE NOTCHES AND PUSH THE COUPLING RING ONTO CORD CONNECTOR.



**STEP 3**  
 PUSH THE CABLE CLAMP HOUSING FORWARD UNTIL IT LOCKS INTO THE CONNECTOR BODY AND SNAP THE TWO CLAMPS INTO IT'S COMPARTMENTS.



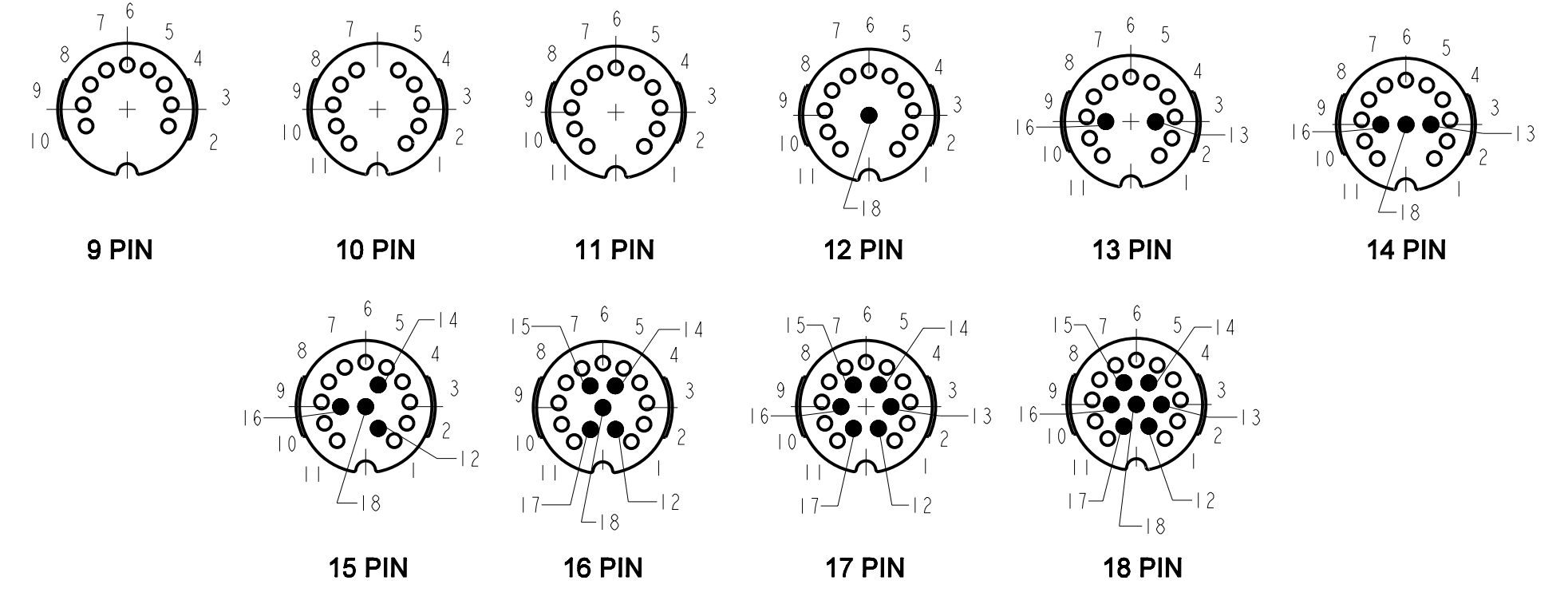
**STEP 4**  
 PUSH THE BOOT ALL THE WAY FORWARD TO SEAT TIGHTLY ONTO THE CABLE CLAMP HOUSING.

### SPECIFICATIONS

**MECHANICAL:**  
 SHOCK: MIL-STD 202 METHOD 213B, COND. K.  
 VIBRATION: MIL-STD 202 METHOD 201A  
 LIFE: 1000 INSERTION/WITHDRAWAL CYCLES (MINIMUM)

**ELECTRICAL:**  
 DIELECTRIC WITHSTANDING VOLTAGE: 250 VAC  
 INSULATION RESISTANCE: 100 MEGOHMS (MIN) AT 77°F  
 CONTACT RESISTANCE: 10.0 MILLOHMS MAX.  
 CURRENT RATING: 2.0 AMPS

**ENVIRONMENTAL:**  
 TEMPERATURE LIMITS: -40°C TO +65°C (NON-OPERATING)  
 MOISTURE RESISTANCE: MIL-STD 202 METHOD 106F  
 INSULATION RESISTANCE: MIL-STD 202 METHOD 302, COND. B  
 THERMAL SHOCK: MIL-STD 202 METHOD 107G  
 SALT SPRAY: MIL-STD 202 METHOD 101D, COND. B  
 WATER TIGHTNESS TEST: U.S. COAST GUARD CFR 46 PART 110.20



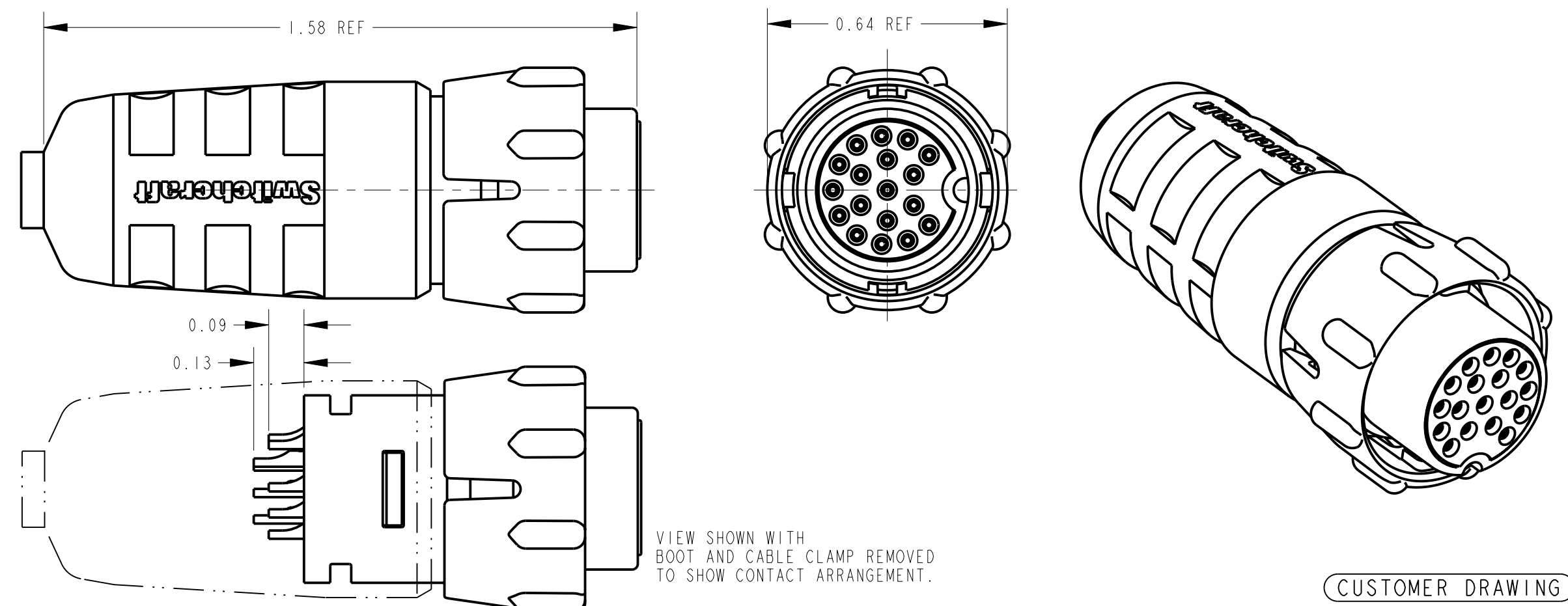
CONTACT ARRANGEMENTS - VIEWED FROM REAR OF CONNECTOR (WIRING SIDE)

HOLES USED DENOTED BY NUMBER REFERENCES IN 18 PIN LAYOUT

**MATERIALS:**  
 CORD CONNECTOR SHELL, CONTACT LOCKING DISK, COUPLING RING AND CABLE CLAMP ASSEMBLY:  
 THERMOPLASTIC POLYMER GLASS FIBER, FLAME RETARDANT

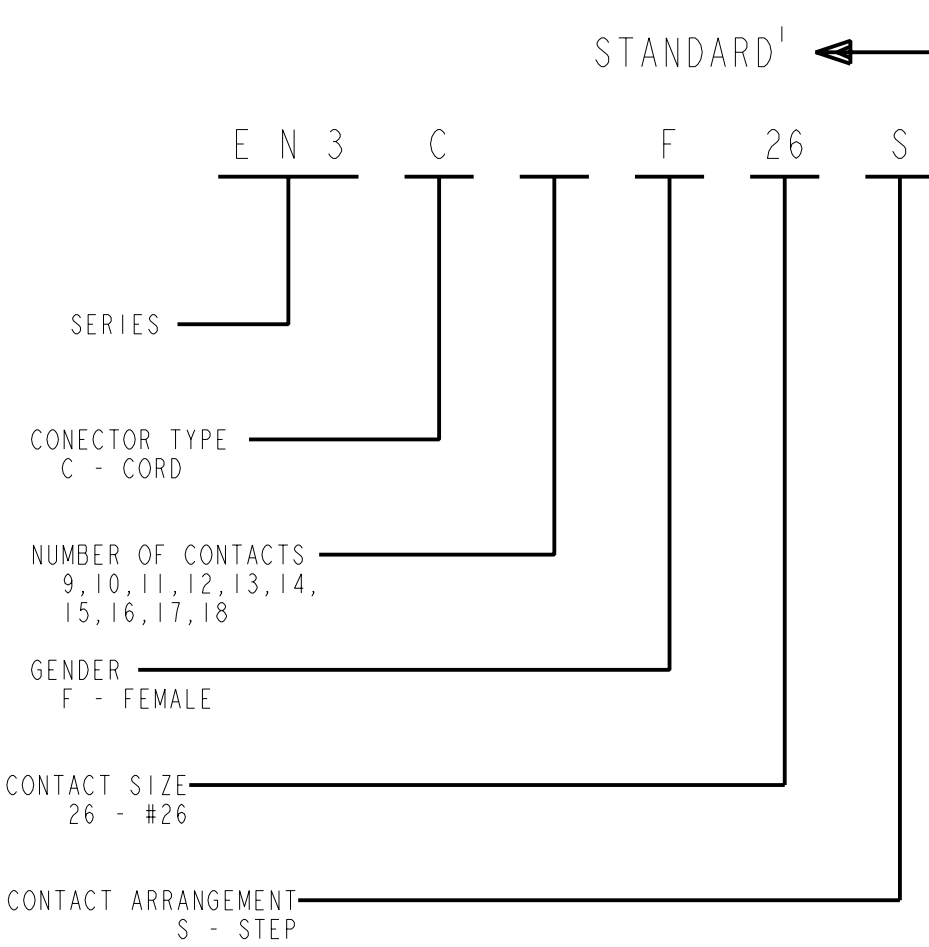
REAR BOOT AND CONNECTOR SHELL INTERIOR:  
 THERMOPLASTIC RUBBER

CONTACTS: COPPER BASE ALLOY, GOLD OVER NICKEL UNDERPLATE



VIEW SHOWN WITH BOOT AND CABLE CLAMP REMOVED TO SHOW CONTACT ARRANGEMENT.

CUSTOMER DRAWING



**STANDARD<sup>1</sup>**      **OPTIONAL<sup>2</sup>**

PACKAGING BLANK - BULK K - KIT

<sup>1</sup>STANDARD CONFIGURATION - CONTACT SIZE: #26  
 - CONTACT STYLE: SOLDER CUP  
 - CONTACT PLATING: GOLD  
 - CONTACTS FACTORY INSTALLED  
 - PACKAGED IN BULK

<sup>2</sup>OPTIONAL CONFIGURATION - LEAVE BLANK FOR STANDARD CONFIGURATION

REV	ECO NUMBER	DATE	BY	APVD
C	24625	2-5-04	JL	TJK
B	24013	7-3-02	JL	EB
A	RELEASE TO PROD. 23387	7-31-00	JL	BP

★ STAR SYMBOL DENOTES CRITICAL DIMENSION

UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS IN INCHES  
 - TWO PLACE DECIMALS ±0.01  
 - THREE PLACE DECIMALS ±0.005  
 - ANGLES ±1°  
 - ALL DIA. CONCENTRIC WITHIN 0.005 T.I.R.

2. FEATURES ON THE SAME CENTERLINE MUST BE ALIGNED WITHIN ±0.002

3. REMOVE ALL BURRS

DO NOT SCALE 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.				
SIZE	WIDTH	MULT	LBS/M	TEMPER
FINISH SPEC No.		FIRST USED ON		MATERIAL SPEC No.
DATE DRAWN		BY	CHKD	APVD
6-14-99		SG	SG	AY
		6-14-99		6-16-99
NAME FEMALE CORD CONNECTOR				PART No.
26 GAUGE CONTACTS-STEP VERSION				EN3C_F26S
				REV C

**Switchcraft**