

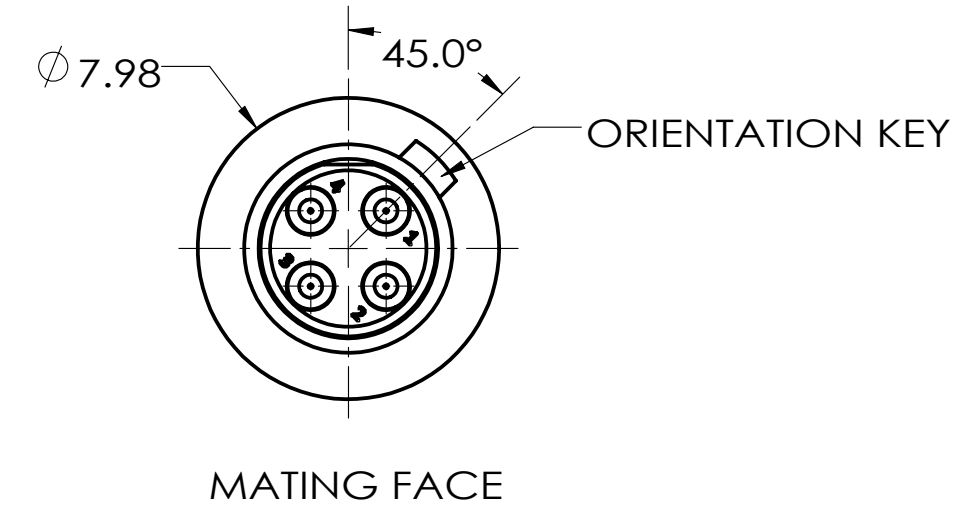
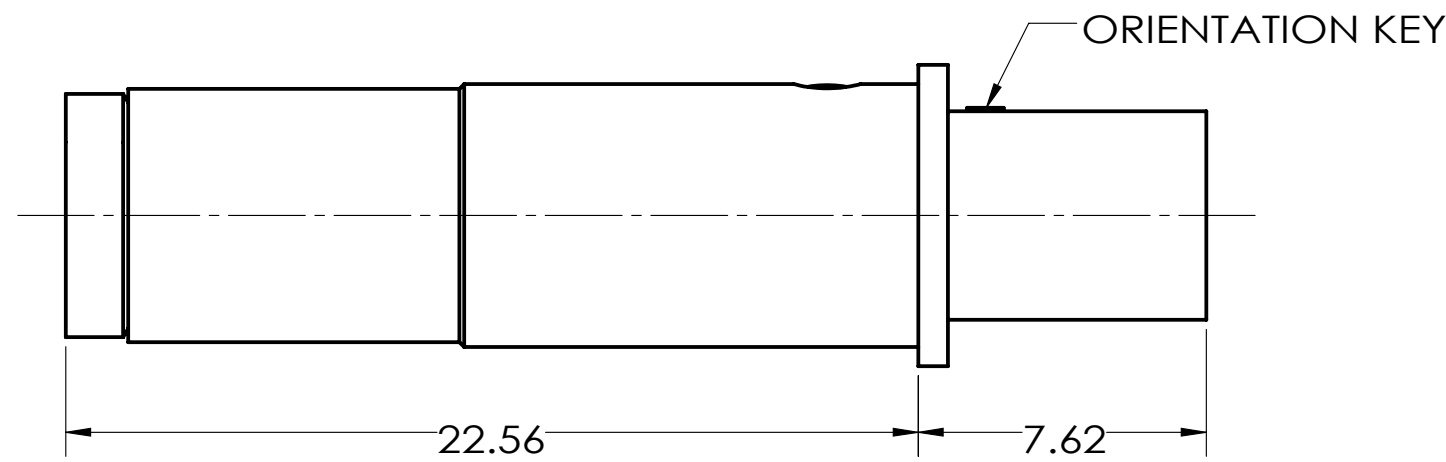
GENERAL TOLERANCE

DIM. RANGE	0.5 - 3	>3-6	>6-30	>30-120	>120-400
TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5

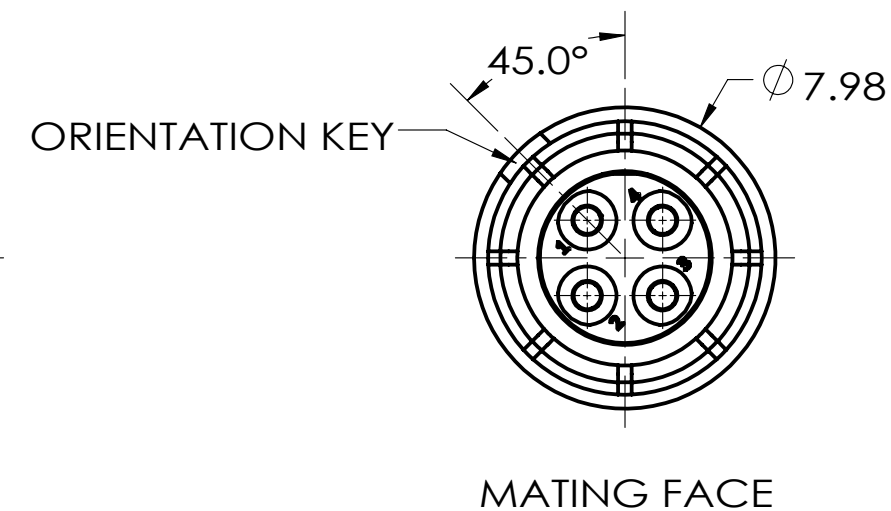
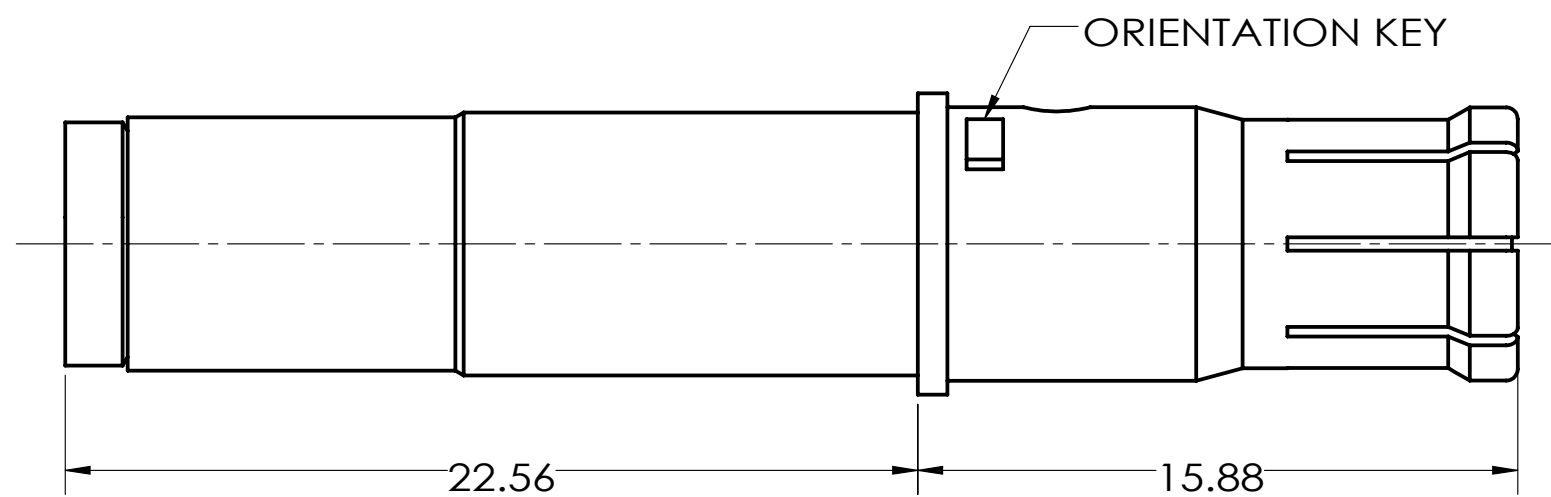
CUSTOMER DRAWING

REVISION			
ZONE	REV.	DESCRIPTION	DATE
	PA1	INITIAL RELEASE	2020/8/19

P/N	CONTACT TYPE	IMPEDANCE (DIFFERENTIAL PAIRS)	WIRE SIZE (INNER CONTACTS)	CABLE O.D.	ELECTRICAL PROTOCOL†† CABLE	TERMINATION INSTRUCTION SHEET
C10-763512-840	PIN	100Ω	24AWG	.170 - .206 INCH	1000 BASE-T GIGABIT ETHERNET	(L-2119-D)
C10-763513-840	SOCKET					
C10-763514-840	PIN			.124 - .165 INCH		
C10-763515-840	SOCKET					



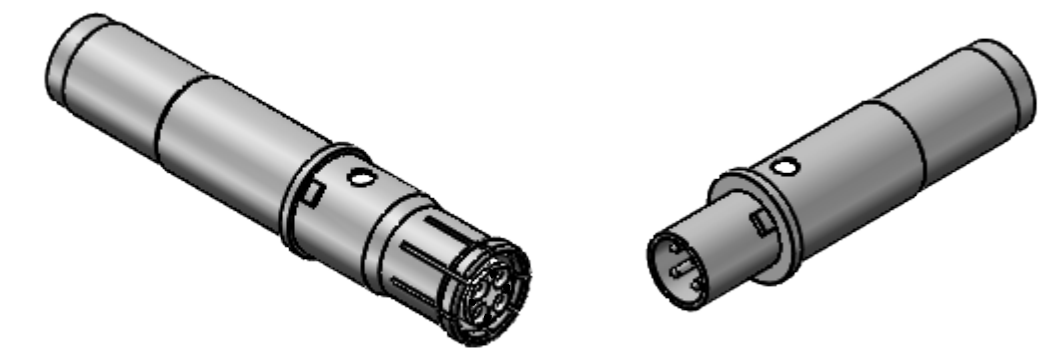
TYPICAL QUADRAX PIN CONTACT



TYPICAL QUADRAX SOCKET CONTACT

SPECIFICATIONS

BANDWIDTH	UP TO 1.25 GHz PER PAIR
DATA RATE	UP TO 2.5 Gbps PER PAIR
DIELECTRIC WITHSTANDING VOLTAGE (AT SEA LEVEL)	1000 VAC (RMS), BETWEEN ALL INNER CONTACTS; 500 VAC (RMS), BETWEEN INNER AND OUTER CONTACTS.



- 3. ALL CONTACTS CAN BE PLATED WITH GOLD PLATING.
- 2. QUADRAX DIFFERENTIAL PAIRS ARE 1 AND 3, 2 AND 4.
- 1. THE REFERENCED PRODUCT SHALL BE COMPLIANT TO ROHS DIRECTIVE.

NOTES:  
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM THE AMPHENOL CORP.

UNLESS OTHERWISE SPECIFIED	APPROVALS	DATE
LINEAR DIMENSIONS ARE IN: <b>MILLIMETERS</b> TOLERANCES: ANGLES= ±2° DEFAULT LINEAR TOLERANCES SEE TABLE  DIM. & TOL. PER ASME Y14.5M-1994; DRM PER MIL-DTL-31000; OTHER AMPHENOL STANDARDS: 9-3800  LEGENDS: =FLAG NOTE CALL OUT REFERENCE  THIRD ANGLE PROJECTION  	PREPARED BY: JAVEN CHENG	2020/8/19
	ENGINEER IN CHARGE: JAVEN CHENG	
	DESIGN MANAGER: RAN XIAO	
	PRODUCT GROUP: C&3	
	AIPG DIVISION:	
MATERIAL SPEC	PROCESS SPEC	
N/A	N/A	

<b>AMPHENOL INDUSTRIAL OPERATIONS</b>			
Amphenol Technology (Zhuhai) Co., Ltd No.63, Xingnan Road, Sanzao Town, Jinwan, Zhuhai, PRC			
<b>ELECTRICAL CONNECTOR</b>			
<b>CONTACTS, QUADRAX, TYPICAL, SIZE 8</b>			
<b>TYPE AMPHE-LITE</b>			
SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	77820	C10-763512/515	PA1
SCALE: 5:1		REF: N/A	SHEET 1 OF 1

DOCUMENT NO. C10-763512/515 SHEET 1 OF 1 REV. PA1

REV. PA1 SHEET 1 OF 1 C10-763512/515