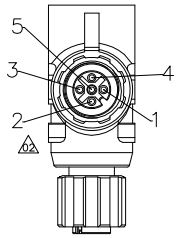
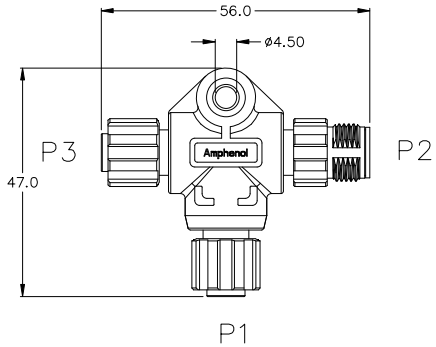
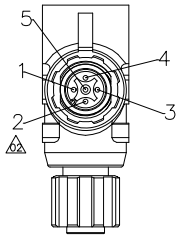
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	28MAR16	JAH	KING

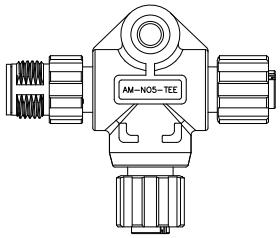
M12 A-CODED
5P FEMALE

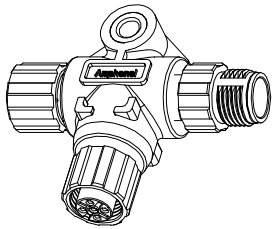


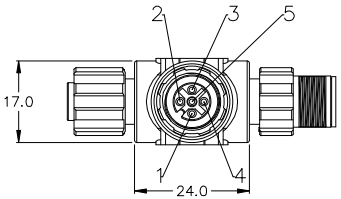


M12 A-CODED
5P MALE



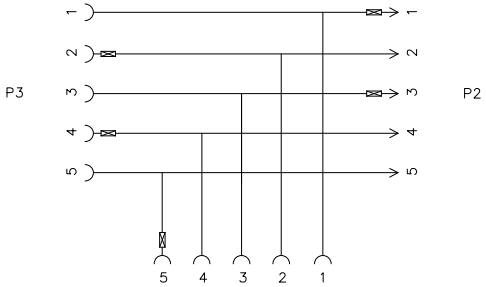






M12 A-CODED
5P FEMALE

WIRING DIAGRAM



TWO WIRES CRIMP TOGETHER TO CONTACT

TECHNICAL DATA:

1) CONNECTOR MATERIALS
   - COUPLING NUT: THERMOPLASTIC, NYLON, UL94 V-0
   - INSULATION INSERT: THERMOPLASTIC, NYLON, UL 94V-0
   - MACHINED CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY
   - PREMOLD MATERIAL: HOTMELT;
   - OVERMOLD MATERIAL: THERMOPLASTIC, TPU COLOR: BLACK
   - WIRE:UL1007 22AWG 105C° 300V, PVC
   - ALUMINUM TUBE:ALUMINIUM ALLOY
   - SEAL:EPDM,RED
2) RoHS COMPLIANT
3) CONNECTOR SPECIFICATION
   - VOLTAGE RATING: 60V
   - AMPERAGE RATING: 4 AMPS
   - CONTACT RESISTANCE: ≤ 5 mΩ
   - INSULATION RESISTANCE:≥ 100 MΩ
   - PROTECTION CLASS: IP67
   - OPERATING TEMPERATURE: -25°C~90°C

CUSTOMER DRAWING

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
	MATERIALS LIST		

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±1.27 | Fractions ±0.40
2 PL DEC ±0.25 | Angles ±1°
3 PL DEC ±0.127
3) FABRICATION STANDARDS PER: S5-20020
4) Note reference = 2

MATERIAL SPECIFICATIONS: NOTED

PROCESS SPECIFICATIONS: IPC/WHMA-A-620

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	FLAN	2015-8-13
CHECKED:	CHELSEA	2015-8-13
ENGINEER:		
APPROVAL:	KING	2015-8-13
CUSTOMER:		

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Amphenol

Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

MULTI-HUB TEE, NMEA 2000

SIZE	FSCM NO	DWG NO:	REVISION
A4	C	AM-N05-TEE	A1

SCALE: NONE | AM-N05-TEE | SHEET 1 OF 1

TITLE: MULTI-HUB TEE, NMEA 2000
DWG NO: AM-N05-TEE
REV: A1
SH: 1
OF: 1

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