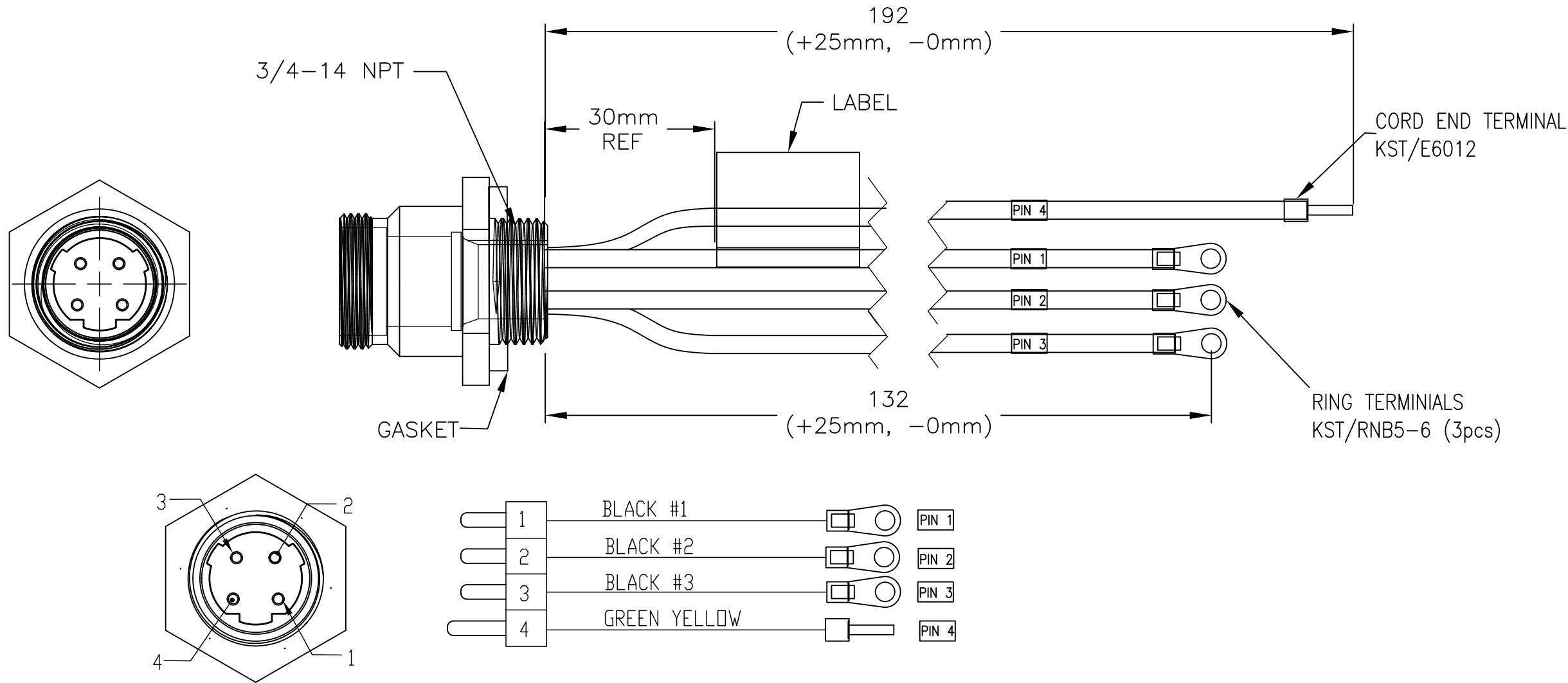


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	-	TECHNICAL DATA SHEET RELEASE	07JULY17	TZ	TZ



TECHNICAL DATA:

1) MATERIALS:

COUPLING NUT: MACHINED STEEL, NICKEL PLATED
INSULATION INSERT: THERMOPLASTIC, UL 94/V-0
CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY
OVERMOLD MATERIAL: THERMOPLASTIC COLOR: BLACK
CONDUCTOR RATING: UL 1015
CONDUCTOR INSULATION: PVC
NUMBER OF CONDUCTORS: (4) 12AWG

2) ELECTRICAL DATA:

CURRENT (MAX): 25A (2237) 29A (2238)
VOLTAGE (MAX): 600V AC/DC
INSULATION RESISTANCE (MIN): 5000M OHMS
DIELECTRIC TEST VOLTAGE: 2200V

3) MECHANICAL DATA:

TEMPERATURE RANGE: -40°C TO 90°C
PROTECTION: IP67 (MATED CONDITION)
MATING CYCLES: >500
VIBRATION RESISTANCE PER MIL-STD-202 METHOD 204
THERMAL SHOCK PER MIL-STD-202 METHOD 207
48 HOUR SALT SPRAY PER MIL-STD-202 METHOD 101

4) RoHS COMPLIANT

5) UL 2237 LISTED ASSEMBLY
UL FILE NUMBERS: E339703, 224856



PART NUMBER		DESCRIPTION		ITEM
QUANTITY		MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE	
1) All dimensions are in metric(mm).		DRAWN: TZ	27APR17	
2) Tolerances are as follows:		CHECKED: TZ	27APR17	
1 PL DEC ±0.30		ENGINEER: TZ		
2 PL DEC ±0.15		APPROVAL: TZ	27APR17	
3 PL DEC ±0.08		CUSTOMER:		
3) Note reference =		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		
MATERIAL SPECIFICATIONS:		SIZE	TYPE	DWG NO:
PROCESS SPECIFICATIONS:				
NEXT ASSY:				
		SCALE: NONE	C-P31407	SHEET 1 OF 1

Amphenol

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

RECEPTACLE ASSEMBLY, POWER,M29
MALE, 12AWG

P31407

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Mouser Electronics

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