



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	18/OCT/18	BROOK	TOMMY
A2	--	ADD MORE MATERIAL NOTES	25/OCT/18	BROOK	TOMMY

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
SHELL: ZINC ALLOY, NICKEL PLATED
INSERT AND RETAINING RING: THERMOPLASTIC
SEAL: SILICONE RUBBER
- MODIFICATIONS: THREADED HOUSING; REDUCED DIA. WIRE SEAL
- SPECIFICATIONS:
3.1 OPERATING TEMPERATURE: -55°C TO +125°C.
3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
3.4 MOISTURE RESISTANCE: IP67&IP69K (MATED CONDITION).
3.5 MATING CYCLE DURABILITY: 100 CYCLES
3.6 RoHS COMPLIANT
- MATING PART: AHDM06-24-29P* (* = SEAL TYPE)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CONTACT SIZE AND WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
12	2.46 mm (.097 in)	4.01 mm (.158 in)	10-14 AWG	25 AMPS
16	1.35 mm (.053 in)	2.62 mm (.103 in)	14-20 AWG	13 AMPS
20	1.02 mm (.040 in)	2.10 mm (.083 in)	16-22 AWG	7.5 AMPS

AHDM04-24-29SR		DESCRIPTION		ITEM
PART NUMBER				
MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08		SIGNATURES DATE DRAWN: BROOK 25/OCT/18 CHECKED: ORION 25/OCT/18 ENGINEER: APPROVAL: TOMMY 25/OCT/18		
MATERIAL SPECIFICATIONS:		CUSTOMER: 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.		
PROCESS SPECIFICATIONS:		MATERIALS LIST		
NEXT ASSY:		Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036		
		RECPT, 24 SZ 29 SOC, RD, WIDE THD		
SIZE	TYPE	DWG NO:	REVISION	
B	C-	AHDM04-24-29SR	A2	
SCALE: NONE		SHEET 1 OF 1		

TITLE: RECPT, 24 SZ 29 SOC, RD, WIDE THD
DWG NO: AHDM04-24-29SR
REV: A2
SH: 1
OF: 1