

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASE NEW DWG FORMAT	08/14/14	DRACK	TOMMY
B2	-	UPDATE RANGE CABLE	2016-12-09	FLAN	TOMMY
B3	-	ADD ANGLE VIEW	2024-1-29	JUN	TOMMY


NOTES:

- MATERIAL:
 - HOUSING BODY: ZINC DIE-CAST, NICKEL PLATED
 - COUPLING NUT: AL ALLOY, NICKEL PLATED
 - INSULATION INSERT: PA66, UL94 V0
 - CONTACT: COPPER ALLOY, SILVER PLATED
 - SEAL: SILICONE RUBBER
- SPECIFICATIONS:
 - CURRENT RATING: 180 AMPS MAX.
 - VOLTAGE RATING: 630 V AC/DC
 - OPERATING TEMPERATURE: -40°C TO +125°C
 - DIELECTRIC WITHSTANDING VOLTAGE:
LESS THAN 2 MILLIAMPS CURRENT IEAKAGE @ 5000 VOLTS AC
 - DEGREE OF PROTECTION: IP67 (MATED CONDITION)
 - DEGREE OF POLLUTION: 3 PER UL840
 - OVERVOLTAGE CATEGORY: III PER UL840
 - MATING CYCLE DURABILITY: >100 CYCLES
 - RoHS COMPLIANT
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- "*" DENOTE KEY POSTION OF "N","W","X","Y" OR "Z".
- CONTACT P/N: HS50DCS

KEY POS	PART NUMBER	A	B	C	D
N	RTHP6201SNH-50PSx	105°	140°	215°	265°
W	RTHP6201SWH-50PSx	79°	140°	215°	265°
X	RTHP6201SXH-50PSx	105°	126°	215°	265°
Y	RTHP6201SYH-50PSx	105°	140°	215°	259°
Z	RTHP6201SZH-50PSx	105°	140°	215°	330°

KEY POS	PART NO.	Cable OD Range
N	RTHP6201SNH-50PS1	13.5~14.0 mm
W	RTHP6201SWH-50PS1	
X	RTHP6201SXH-50PS1	
Y	RTHP6201SYH-50PS1	
Z	RTHP6201SZH-50PS1	

KEY POS	PART NO.	Cable OD Range
N	RTHP6201SNH-50PS2	16.0~17.0 mm
W	RTHP6201SWH-50PS2	
X	RTHP6201SXH-50PS2	
Y	RTHP6201SYH-50PS2	
Z	RTHP6201SZH-50PS2	

SEE PART NUMBER CHART					
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 ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = 		SIGNATURES		DATE	
		DRAWN: JUN		2024-1-29	
		CHECKED: JOE		2024-1-31	
		ENGINEER:			
MATERIAL SPECIFICATIONS:		APPROVAL: TOMMY		2024-2-1	
		CUSTOMER:			
PROCESS SPECIFICATIONS:		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.			
		SIZE	TYPE	DWG NO:	REVISION
		B	C-	RTHP6201S*H-50PSx	B3
NEXT ASSY:		SCALE: 3 : 2		SHEET 1 OF 1	

TITLE: ECO-MATE, PLUG, 10mm RADSOK TYPE SHIELDING, CORD GRIP

DWG NO:

RTHP6201S*H-50PSx

REV: B3

SH: 1

OF: 1