

RAYCHEM
AS85049 ADAPTERS AND BAND STRAPS

THE INDUSTRY STANDARD FOR RUGGED, RELIABLE SHIELD TERMINATIONS . . . NOW WITH BLACK ZINC NICKEL PLATING

AS85049 ADAPTERS AND BAND STRAPS

The Industry Standard for Rugged Reliable Shield Termination



INDUSTRY STANDARD

- Meets AS85049 NAVAIR standards

RELIABLE

- Self-coupling locking nut provides an improved mechanical protection against loosening under vibration
- Corrosion resistant

EASY TO USE

- Band straps available flat for side entry or precoiled for end entry
- Side-entry band straps allow easier installation and repair

VERSATILE

- Three band strap widths
- Cadmium, electroless nickel, or black zinc nickel plating

The AS85049 industry standard is used on most military circular connectors, including M38999. TE Connectivity (TE) offers a wide selection of sizes, materials and platings to meet your application needs.

The band strap termination system provides ease of installation and repair. TE offers the corrosion-resisting steel bands in three styles to help meet our customer's shield termination needs and termination tool of their choice.

Product Performance

APPLICATIONS

- Aerospace
- Marine
- Military Ground Vehicles
- Space-Based Systems

MECHANICAL AND ELECTRIC PERFORMANCE

- **Qualification:** Meets AS85049 performance requirements

MATERIALS

- **Bands Straps**: Stainless steel
- **Adapters**: Aluminum
- **Plating**: Cadmium, electroless nickel, or black zinc nickel

STANDARDS AND SPECIFICATIONS

- **Application Specification**: MIP 102
- **Product Specification**: R85049
- **Military Specification**: AS85049/82 through /90 and /128

APPLICATION TOOLING

• M85049/128-7 & 8	AS81306/1-02
• M85049/128-3 & 4	AS81306/1-01
• M85049/128-1 & 2	AS81306/2-01

TE Components . . . TE Technology . . . TE Know-how . . .
AMP | Agastat | CII | Hartman | Kilovac | Microdot | Nanonics | Raychem | Rochester | DEUTSCH

Get your product to market faster with a smarter, better solution.

BAND STRAP PART NUMBERING

R85049/128 – X

- **Basic Part Number**
- **Configuration**

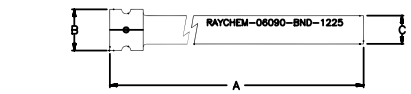
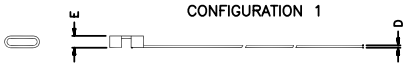


FIGURE 1
CONFIGURATION 1



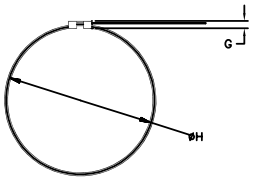


FIGURE 2
CONFIGURATION 2 – PRE–COILED

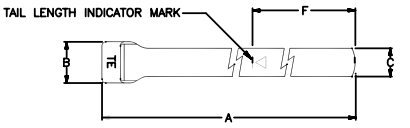
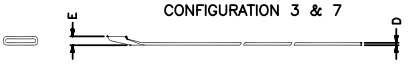


FIGURE 3
CONFIGURATION 3 & 7



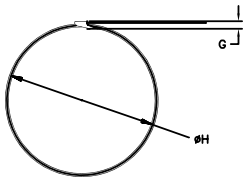


FIGURE 4
CONFIGURATION 4 & 8 – PRE–COILED

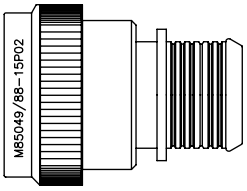
TABLE 1 — FIGURES 1, 2, 3, AND 4 CONFIGURATIONS AND DIMENSIONS

Config	Figure	A ± .060	B ± .031	C ± .010	D Ref	E Ref	F Ref	G Max	H Ref
1	1	14.00 (355.60)	.328 (8.33)	.245 (6.22)	.019 (0.48)	.100 (2.54)	—	—	—
2	2	—	—	—	—	—	—	.140 (3.56)	1.750 (44.46)
3	3	14.256 (362.10)	.350 (8.89)	.250 (6.35)	.020 (0.51)	.130 (3.30)	2.031 (51.59)	—	—
4	4	—	—	—	—	—	—	.150 (3.81)	1.750 (44.45)
7	3	8.125 (206.38)	.195 (4.95)	.120 (3.05)	.015 (0.38)	.053 (1.35)	2.031 (51.59)	—	—
8	4	—	—	—	—	—	—	.073 (1.85)	.860 (21.8)

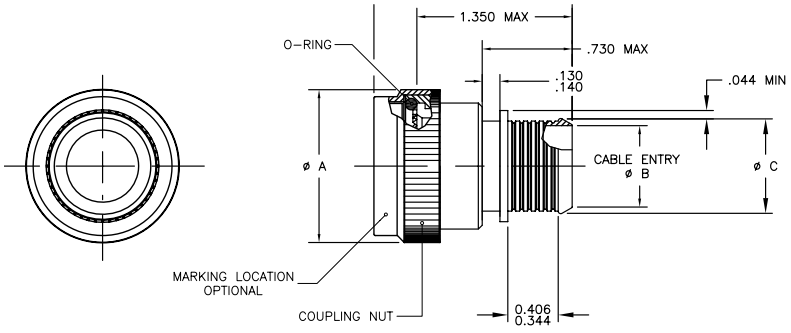
ADAPTER PART NUMBERING

R85049/ XX – 15 X 02

- **Product Designator**
- **Specification Sheet**
  Specify /82 through /90
- **Configuration:**
  - (Dash) Detented Self-Locking
- **Shell Size**
- **Finish**
  W = Cadmium
  N = Nickel
  Z = Black Zinc Nickel
- **Entry Size**
  02 = Small
  03 = Large



SELF–LOCKING
SHIELD BAND TERMINATION
SHRINK BOOT ACCOMMODATION ADAPTER



For More Information

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