

SPACECRAFT COMPONENTS CORP.

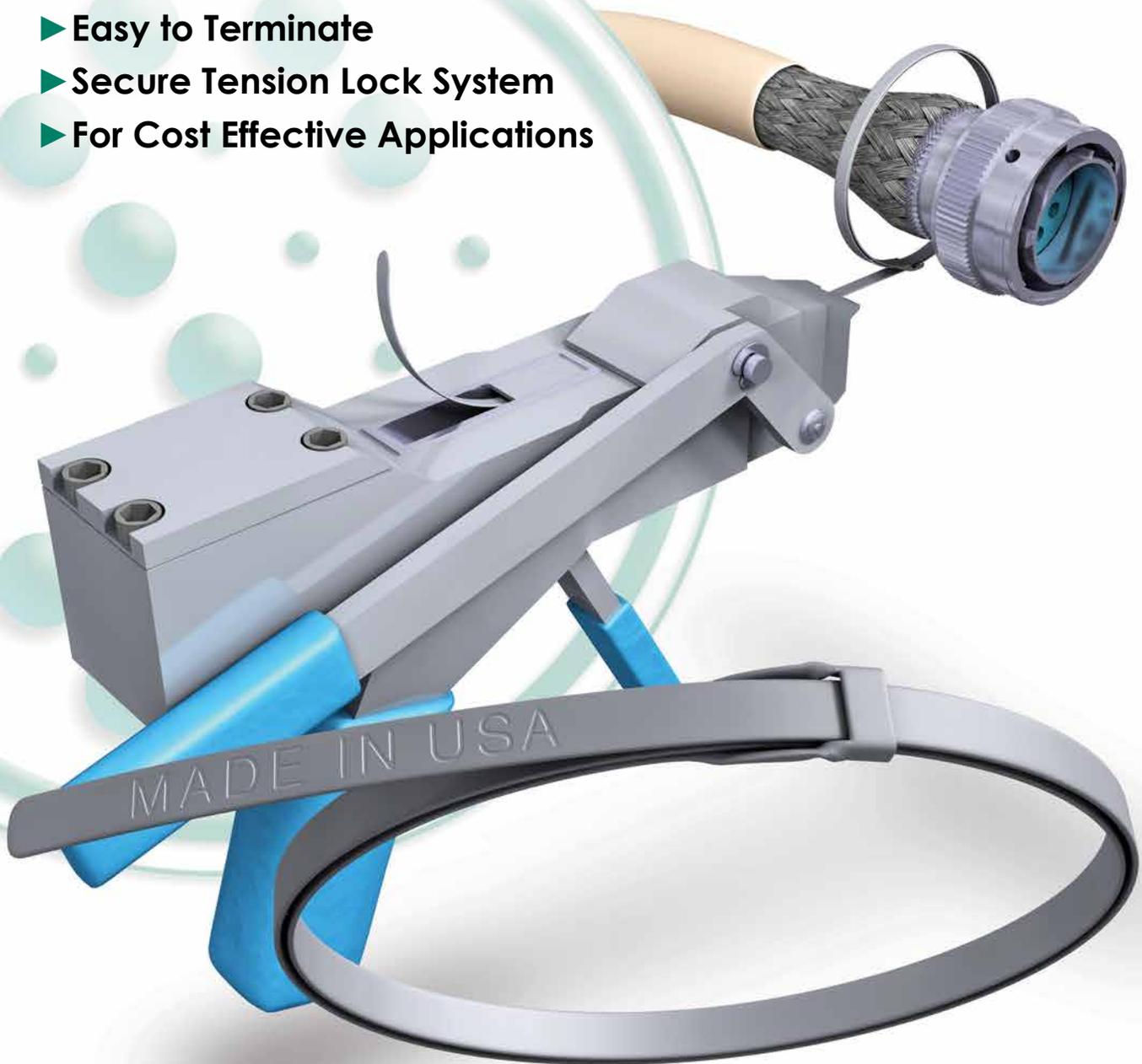
Your Connector Consultant Since 1962



M85049/128 EMI/RFI Shield Termination Bands

Key Benefits of Termination Bands:

- ▶ Easy to Terminate
- ▶ Secure Tension Lock System
- ▶ For Cost Effective Applications



SPACECRAFT COMPONENTS TERMINATION BANDS

These Bands are commonly used to attach a braid or a shield to a backshell. They come in two shapes: Coiled or flat.

To provide our customers with a cost effective solution, Spacecraft Components now manufactures Termination Bands and is qualified to the M85049/128 specification.

Shown below is a summary of the various bands and their respective tools.

ELECTRO-ADAPTER	SHAPE	SIZE	SCP P/N	MILITARY REFERENCE	MILITARY TOOL	NON MILITARY APPLICATIONS	
						ELECTRO-ADAPTER TOOL	DANIELS TOOL
214LF002	Flat	.245 x 14.0	SCPSE-02F	M85049/128-1	M81306/2-01▲	EAK214-25▲	DBS-1101▲
214L0002	Coiled		SCPSE-02C	M85049/128-2			

BAND-IT®	SHAPE	SIZE	SCP P/N	MILITARY REFERENCE	MILITARY TOOLS	NON MILITARY APPLICATIONS		
						BAND-IT® TOOLS	DANIELS TOOLS	GLENNAIR TOOLS
A10089	Flat	.242 x 14.25	SCPBE-02F	M85049/128-3	M81306/1-01●	A40199●	DBS-2100●	600-058●
A10088	Coiled		SCPBE-02C	M85049/128-4				
A11086	Flat	.242 x 18.00	SCPBE-02FL18◆	N/A	M81306/1-02●	A30199●	DBS-2200●	600-061●
A31189*	Flat	.120 x 8.125	SCPBE-04F	M85049/128-7				
A31188*	Coiled		SCPBE-04C	M85049/128-8				
A31089*	Flat	.120 x 14.30	SCPBE-03F	N/A				

* Mini Band

◆ Two-piece construction

GLENNAIR	SHAPE	SIZE	SCP P/N	MILITARY REFERENCE	MILITARY TOOLS	NON MILITARY APPLICATIONS		
						GLENNAIR TOOLS	BAND-IT® TOOLS	DANIELS TOOLS
600-052	Flat	.242 x 14.25	SCPBE-02F	M85049/128-3	M81306/1-01●	600-058●	A40199●	DBS-2100●
600-052-1	Coiled		SCPBE-02C	M85049/128-4				
600-090	Flat	.242 x 18.0	SCPBE-02FL18◆	N/A	M81306/1-01●	600-058●	A40199●	DBS-2100●
600-090-1	Coiled		SCPBE-02CL18◆					
600-057*	Flat	.120 x 8.125	SCPBE-04F	M85049/128-7	M81306/1-02●	600-061●	A30199●	DBS-2200●
600-057-1*	Coiled		SCPBE-04C	M85049/128-8				
600-083*	Flat	.120 x 14.30	SCPBE-03F	N/A				
600-083-1*	Coiled		SCPBE-03C					

* Mini Band

◆ Two-piece construction

Band-It® and Glenair bands work in the DBS or STS Tools, but two operations are required (terminate and fold-over) rather than the one operation (terminate/trim). DBS or STS-1101, and 1201 tools include both the termination tool and the secondary roll-over tool.

SUNBANK	SHAPE	SIZE	SCP P/N	MILITARY REFERENCE	MILITARY TOOLS	NON MILITARY APPLICATIONS	
						SUNBANK TOOLS	DANIELS TOOLS
S 3175F2	Flat	.245 x 14.00	SCPSE-02F	M85049/128-1	M81306/2-01▲	STS-1101▲	DBS-1101▲
S 3175-2	Coiled		SCPSE-02C	M85049/128-2			
S 3175F3*	Flat	.118 x 14.25	SCPSE-03F	N/A	M81306/2-02▲	STS-1201▲	DBS-1201▲
S 3175-3*	Coiled		SCPSE-03C				
S 3175F4*	Flat	.118 x 9.50	SCPSE-04F	M85049/128-5	M81306/2-02▲	STS-1201▲	DBS-1201▲
S 3175-4*	Coiled		SCPSE-04C	M85049/128-6			

* Mini Band

DBS or STS-1101 and 1201 tools include both the termination tool and the secondary roll-over tool.

MILITARY REFERENCE

MILITARY	SHAPE	SIZE	SCP P/N	MILITARY TOOLS	NON MILITARY APPLICATIONS			
					Band-It®	Daniels	Glenair	Sunbank
M85049/128-1	Flat	.245 x 14.00	SCPSE-02F	M81306/2-01▲	-	DBS-1101▲	-	STS-1101▲
M85049/128-2	Coiled		SCPSE-02C					
M85049/128-3	Flat	.245 x 14.25	SCPBE-02F	M81306/1-01●	A40199●	DBS-2100●	600-058●	-
M85049/128-4	Coiled		SCPBE-02C					
M85049/128-5	Flat	.118 x 9.50	SCPSE-04F	M81306/2-02▲	-	DBS-1201▲	-	STS-1201▲
M85049/128-6	Coiled		SCPSE-04C					
M85049/128-7	Flat	.115 x 8.125	SCPBE-04F	M81306/1-02●	A30199●	DBS-2200●	600-061●	-
M85049/128-8	Coiled		SCPBE-04C					

● One Step Tool

▲ Two Step Tool

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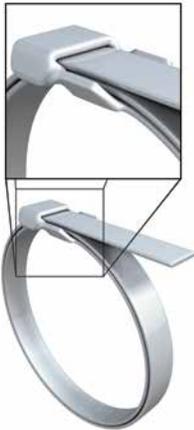
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M85049/128

MINI-BANDS (.115 WIDE)



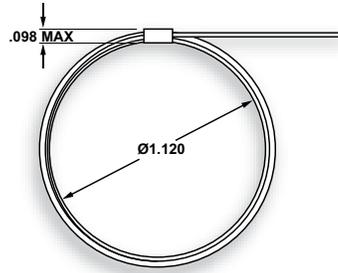
M85049/128-8

* M85049/128-5, -6, -7, -8 are proposed.

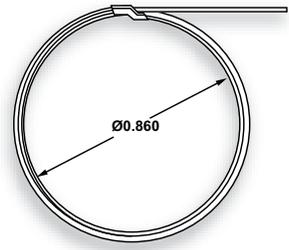
**M85049/128-5 & M85049/128-6
SCPSE-04F & SCPSE-04C**
TERMINATION TOOLS:
DANIELS: DBS-1201▲
SUNBANK: STS-1201▲
M81306/2-02▲

**M85049/128-7 & M85049/128-8
SCPBE-04F & SCPBE-04C**
TERMINATION TOOLS:
BAND-IT®: A30199●
DANIELS: DBS-2200●
GLENLAIR: 600-061●
M81306/1-02●

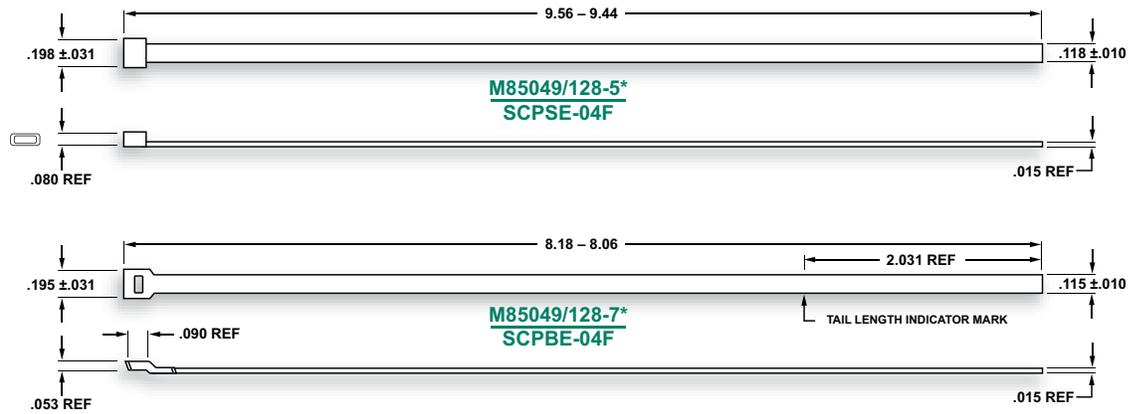
- One Step Tool
- ▲ Two Step Tool



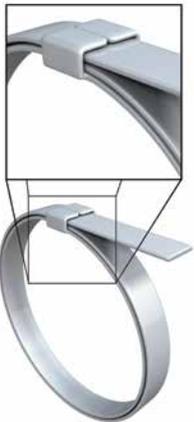
**M85049/128-6*
SCPSE-04C**



**M85049/128-8*
SCPBE-04C**

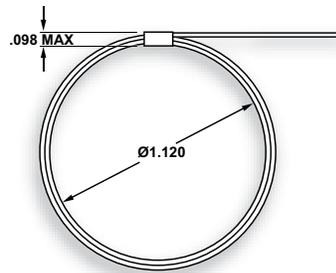


MINI-BANDS (.115 WIDE)

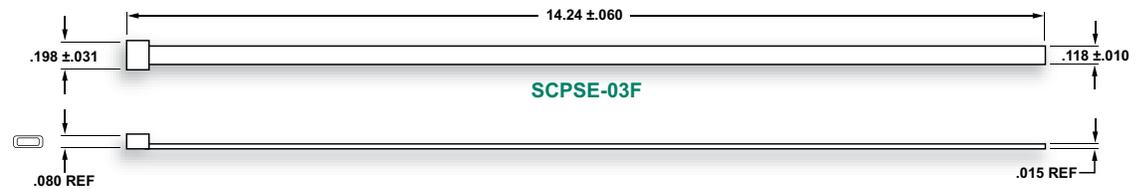


SCPSE-03F & SCPSE-03C
TERMINATION TOOLS:
DANIELS: DBS-1201▲
SUNBANK: STS-1201▲
M81306/2-02▲

- ▲ Two Step Tool



SCPSE-03C



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M85049/128

QUARTER-INCH TERMINATION BANDS (.245 WIDE)



M85049/128-2

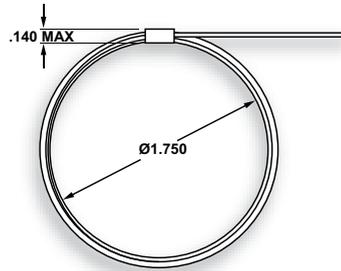


M85049/128-4

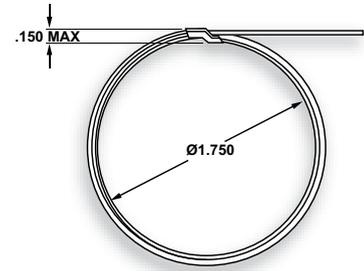
M85049/128-1 & M85049/128-2
SCPSE-02F & SCPSE-02C
TERMINATION TOOLS:
DANIELS: DBS-1101▲
SUNBANK: STS-1101▲
M81306/2-01▲

M85049/128-3 & M85049/128-4
SCPBE-02F & SCPBE-02C
TERMINATION TOOLS:
BAND-IT®: A40199●
DANIELS: DBS-2100●
GLENAIR: 600-058●
M81306/1-01●

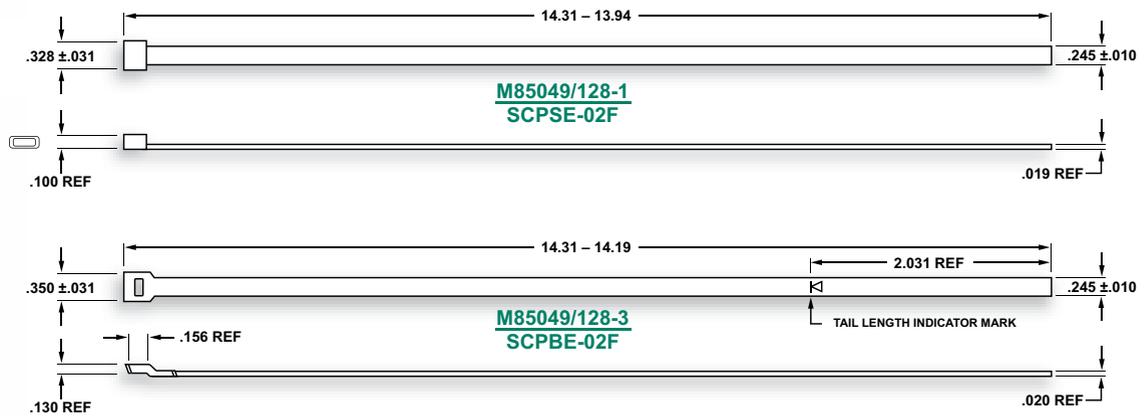
- One Step Tool
- ▲ Two Step Tool



M85049/128-2
SCPSE-02C



M85049/128-4
SCPBE-02C



EMI/RFI Band Application Tooling by **DMC** DANIELS MANUFACTURING CORPORATION

The termination of EMI/RFI shielding materials is a specialized science in today's aerospace wiring systems. Application tooling is a critical factor in the overall performance of the wiring system components.

DMC has worked closely with the world's leading connector accessory manufacturers to develop the necessary tooling and accessories to meet the stringent demands of aerospace and defense system contractors. The resulting products afford the user many benefits which include:

COMPATIBILITY with all currently available termination bands and systems.

RELIABILITY through the use of commercially proven components and tool design practice.

QUALITY & REPEATABILITY which are assured by a tension system.

SERVICE & CALIBRATION – All tools produced by DMC are adjustable, and may be easily checked and set by the user. Also, expendable components such as cut-off blades are available for simple replacement by the user.

LONG SERVICE LIFE – Properly maintained band application tools will produce thousands of reliable terminations.

AFFORDABILITY – DMC tools continue to be the most cost effective method to produce reliable wiring system shield terminations.

Models are available for .250 in. (6.350 mm) and .125 in. (3.175 mm) wide bands from all current suppliers to M85049/128.

THE PNEUMATIC BAND APPLICATION TOOL...

is a cost effective system that speeds production and improves ergonomic conditions which are present when manual tools are used. Band tension is precisely applied by a dependable pneumatic system which is consistent and repeatable.

The tension system of the pneumatic band tool is adjustable, and can be checked by use of the verification devices available from DMC. (See pages 68-69.)

The cutter blade and other components of the DMC Pneumatic Band tools are interchangeable with the same series hand tools. The rugged design and field replaceable blades make the PBT/PMBT series the best choice for production applications where EMI/RFI bands are used to terminate wire harness shielding.



THE HAND OPERATED BAND APPLICATION TOOL (REFERENCE AS81306/2)

is an excellent choice for many production and maintenance operations. Like the power driven models, they too can be calibrated by the user to provide reliable terminations throughout the service life.

The lightweight construction and small "nose" profile enable the user to apply termination bands in even the tightest of working areas.





SCPB00SV
AS95234
(REVERSE BAYONET)

Connectors with Integrated Backshells for Banding, Over Molding or Shrink Boots



SC50SV
AS50151
(MS 3450)



SC76SV
MIL-DTL-26482
Series 2
(MS3476)

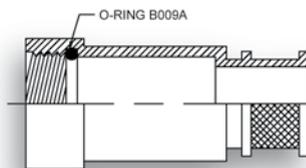
AS50151 – All Series, Crimp or Solder
AS95234 – Reverse Bayonet, Crimp or Solder
MIL-DTL-26482 – All Series, Crimp or Solder
MIL-DTL-38999 – Series I, II & III



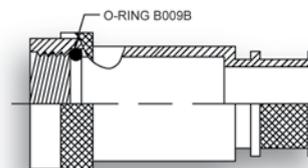
SC3924SV
MIL-DTL-38999
Series III
(D38999/24)

See Catalog 601 for details.

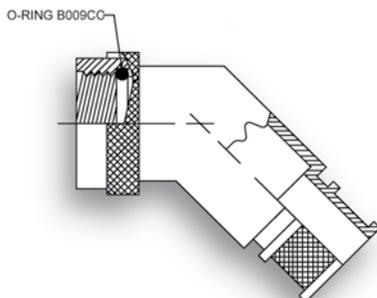
Backshells for Banding, Over Molding or Shrink Boots



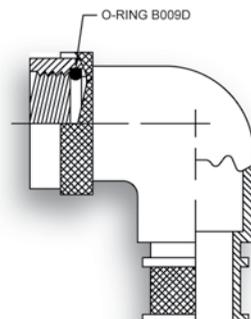
B008A - B009A
STRAIGHT SOLID BODY



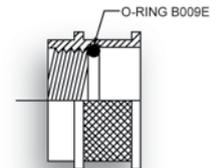
B008B - B009B
STRAIGHT SPIN COUPLING



B008CC - B009CC
45°
LOW PROFILE



B008D - B009D
90°
LOW PROFILE



B008E - B009E
ECONOMY VERSION

SPACECRAFT COMPONENTS CORP.

Your Connector Consultant Since 1962

CATALOG
102



SCP 50151
Style
Connectors

CATALOG
202



SCPT 26482 Style
SC1 38999 Series I
SC2 38999 Series II
SC39 38999 Series III

CATALOG
302



SCPB Series

CATALOG
402



Connector
Accessories

CATALOG
601

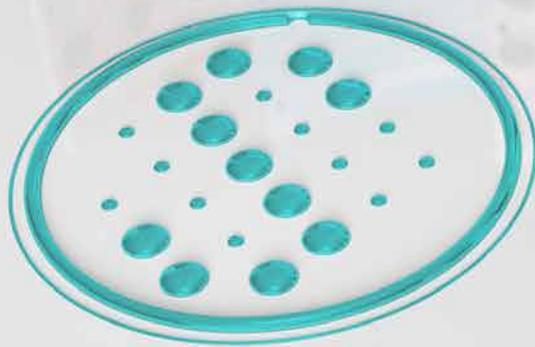


Connectors
with Integrated
Backshells

CATALOG
801



AS95234
Reverse
Bayonet
Connectors



Get All of Our Catalogs & Product Brochures on One Disc



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