



CRH, CRM, BE25M, BE25S SERIES

HIGH PERFORMANCE TEST SYSTEMS

FEATURES

- Lower production costs by moving most of the interface costs to the lab tool/cable
- SMA performance for 10% of the cost
- Compression interface to the board
- Bayonet mechanical latch for easy on/off
- Probe cable adaptor connects to existing instrument cables via SMA termination
- Test boards available for performance verification. Contact bullseye@samtec.com

ALLOWS FOR SMALLER BOARD, FEWER LAYERS!

BE25M or BE25S Series

BAR Series, 22 positions standard

High Density

Field replaceable

Custom pin counts available

4:1 density vs. SMA, 1:1 density to SMP at 10% of the cost

CRH Series

Quick connect/disconnect

Rugged latching

Low cost PCB interface

CRM Series

Fluorosilicone-based conductive elastomer provides excellent grounding

Eliminates mating and de-mating problems

(Note: Shown with BE25M cable assembly. Order separately.)

MICROWAVE CABLE PERFORMANCE

9mm bend radius

High performance, air enhanced dielectric

CCA-25M
(Cable for BE25M & BAR)

25 AWG, silver plated copper conductor

9mm bend radius

Rugged solid dielectric construction

MWC-2550-01
(Cable for BE25S)

Frequency	CCA-25M	MWC-2550-01
	Attenuation (dB/m)	
1 GHz	0.85	0.86
2 GHz	1.21	1.20
4 GHz	1.75	1.70
8 GHz	2.58	2.49
12 GHz	3.22	3.13
16 GHz	3.73	3.60
18 GHz	4.06	3.87
20 GHz	4.18	4.06

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM



CRM-02



CRH-04



BE25S-01SP1-01.0-02-0152



CRM-08

CRH Mates with:
CRM
(Requires BE25M or BE25S and customer assembly)

CRM Mates with:
CRH/BE25M, CRH/BE25S

SPECIFICATIONS

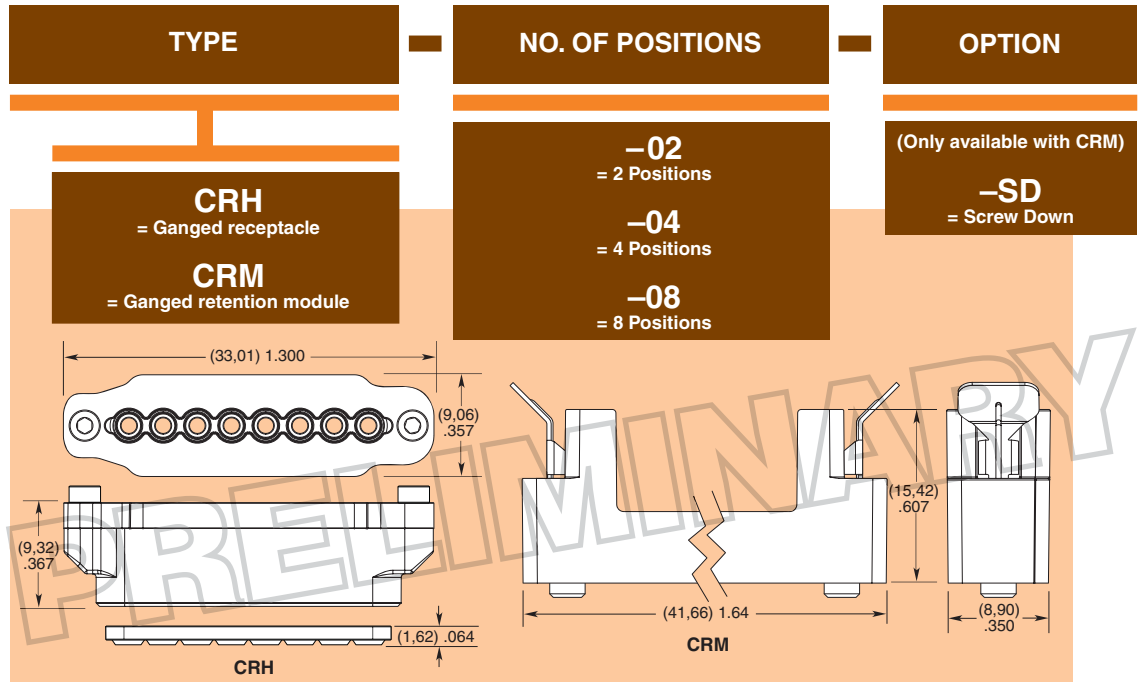
For complete specifications and recommended PCB layouts see www.samtec.com?CRH or www.samtec.com?CRM

Insulator Material: LCP
Housing Material (CRH): Brass
Gasket Material (CRH): MIL-DTL-83528C, Type D
Latch Material (CRM): BeCu

APPLICATION SPECIFIC OPTION

- BAR-J-P-22 Bull's Eye™ array receptacle. Call Samtec.

BAR



Mates with:
CRH/CRM,
BAR (BE25M only)

SPECIFICATIONS

For complete specifications see www.samtec.com?BE25M or www.samtec.com?BE25S

Cable Type: Low Loss Microwave Coax
Gauge: 25 AWG Silver plated Copper
Dielectric: Air enhanced FEP (BE25M), Solid FEP (BE25S)
Jacket Material: FEP
Impedance: 50Ω ±1Ω
Propagation Delay: 3.84 nsec/meter
Capacitance: 75.4 pF/meter



Note: Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.

Note: Some lengths, styles and options are non-standard, non-returnable.

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