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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

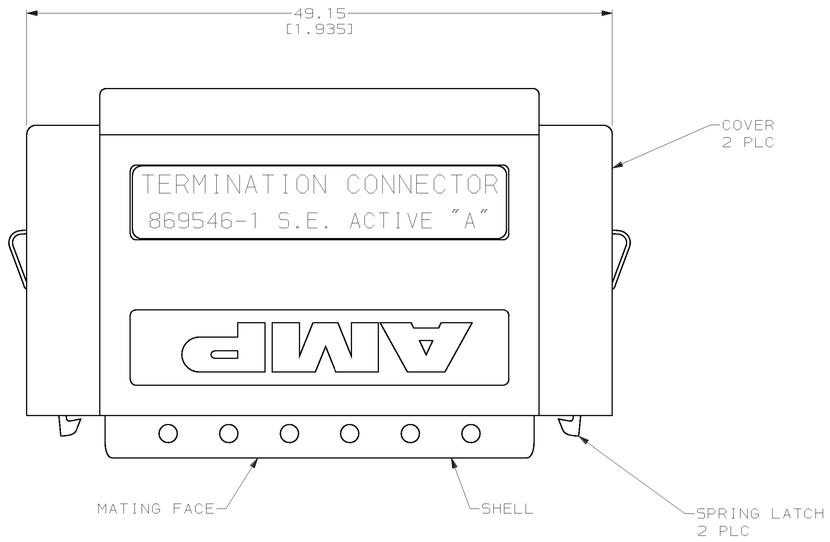
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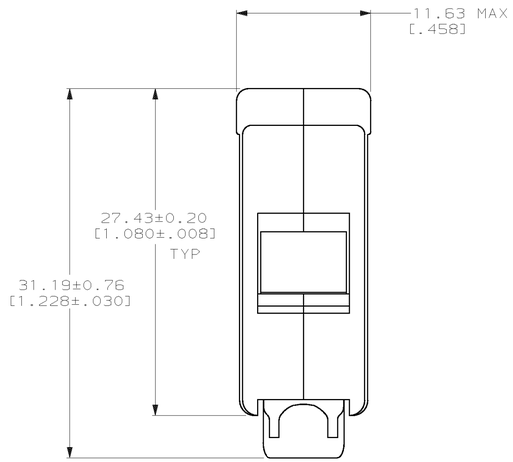
Find the *AMP 869329-1* at our website: *Click HERE*

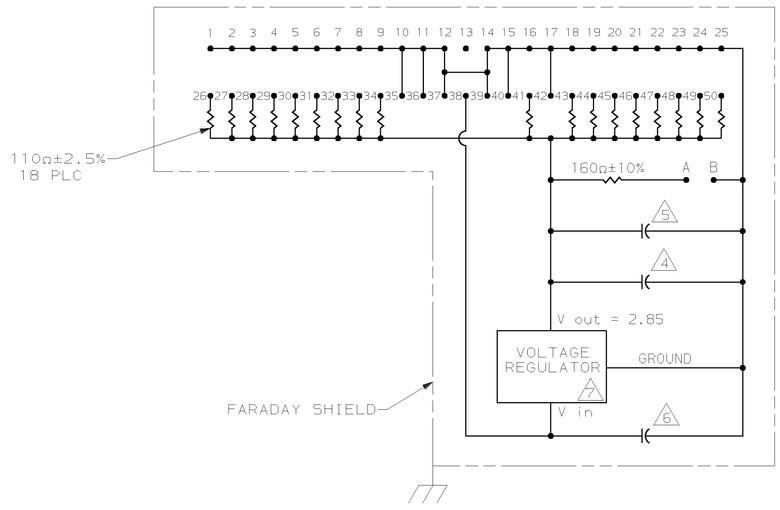
DRAWING MADE IN THIRD ANGLE PROJECTION
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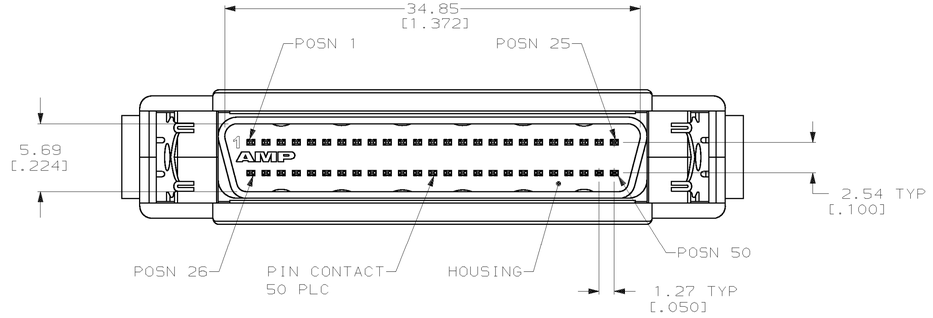
LOC	DIST
GP	00

P	F	ZONE	LTR	DESCRIPTION	DATE	APPD
			0	RLSE WAS 91-4163-083-01, NPR 3876	2-92	DW
			A	REVISED ECN B06418	07/29/92	PR
			B	REV PER EC 0020-492-93	05/13/93	MP
			C	REV PER EC 0020-600-93	06/03/93	PR
			D	REV PER EC 0020-790-95	30 OCT 95	RF
			E	REVISED PER EC 0420-86-97	08 SEP 97	JV
			F	REV PER EC 051A-0168-00	28 JUN 00	MG









1. SHELL: CARBON STEEL; PIN CONTACT: PHOSPHOR BRONZE; HOUSING: POLYESTER, BLACK; RESISTOR NETWORK: THICK FILM RESISTOR COMPOSITION ON ALUMINA SUBSTRATE. SPRING LATCH: STAINLESS STEEL; COVER: ABS, GRAY, UL 94V-0 RATED.
2. 5.08µm[.000200] MIN TIN-NICKEL OVER 1.27µm[.000050] MIN COPPER.
3. 0.76µm[.000030] MIN GOLD FOR A LENGTH OF 3.35[.132] MIN FROM MATING END OVER 1.27µm[.000050] MIN NICKEL.
4. 22µF TANTALUM CAPACITOR ±20%, 10V MIN.
5. 0.1µF CERAMIC CAPACITOR ±20%, 25V MIN.
6. 4.7µF TANTALUM CAPACITOR ±20%, 15V MIN.
7. VOLTAGE REGULATOR TO MEET ALL SCSI SINGLE-ENDED ACTIVE REQUIREMENTS.

869546-1
PART NO

DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN mm [INCHES] TOLERANCES ON : 2 PLC DEC ± 0.25[.010] 3 PLC DEC ± - ANGLES ± -	DR 2-22-92 J McCLINTON CHK 4-1-92 R STONE APPD 4-2-92 D WEYANDT APPD 4-2-92 J FULPONI	AMP Incorporated Harrisburg, PA 17105-3608
MATERIAL 1	PRODUCT SPEC –	NAME PLUG ASSEMBLY, 50 POSITION, .050 SERIES AMPLIMITE™, TERMINATOR
FINISH SHELL: 2 CONTACTS: 3	APPLICATION SPEC –	SIZE D · CAGE CODE 00779 · DRAWING NO 869546
	WEIGHT –	SCALE 4:1 · SHEET 1 OF 1

CUSTOMER DRAWING

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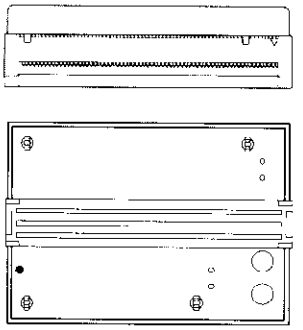
Terminators (Continued)

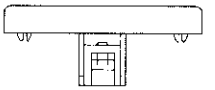
AMP-LATCH Terminators, Unshielded for .025 [0.635] Centerline Ribbon Cable, SCSI-3, High Density Wide

Material and Finish

Housings and Cover — Thermoplastic, 94V-0 black

Contacts — Copper alloy, plated .000100 [0.00127] min. tin-lead over .000050 [0.00127] min. nickel







68-Position, .025 [0.635] Ribbon Cable, Differencial
Part No. 869794-1

68-Position, .025 [0.635] Ribbon Cable, Active Negation Compatible
Part No. 869705-1

AMPLIMITE .050 Series Terminators for SCSI-1, -2, High Density Narrow Shielded, Plugs

Material and Finish

Housings — Thermoplastic, 94V-0 black

Contacts — Phosphor bronze, plated .000030 [0.00076] min. gold on mating end over .000050 [0.00127] min. nickel

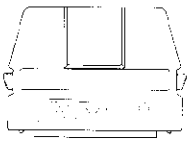
Resistors — Thick film resistor composition on alumina substrate

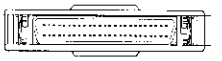
Backshells — Zinc, plated .000200 [0.00508] min. nickel over .000300 [0.00762] min. copper

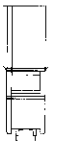
Rear Plug — Brass, plated .000200 [0.00508] min. tin over .000050 [0.00127] min. copper

Shell — Steel, plated .000200 [0.00508] min. tin or tin-lead over .000050 [0.00127] min. copper

Latching Springs and Screws — Stainless Steel









50-Position with Die Cast Cover with Spring Latches

Single-Ended
Part No. 749535-2

Differential
Part No. 749541-1

Single-Ended with Capacitor
Part No. 869329-1

AMPLIMITE .050 Series Terminator for SCSI-2, High Density Narrow Shielded, Plugs

Material and Finish

Housings — Thermoplastic, 94V-0 black

Cover — ABS, 94V-0 rated, beige

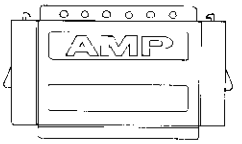
Contacts — Phosphor bronze, plated .000030 [0.00076] min. gold on mating end over .000050 [0.00127] min. nickel

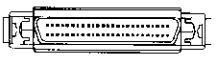
Shell — Steel, plated .000200 [0.00508] min. tin or tin-lead over .000050 [0.00127] min. copper

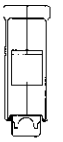
Shield — Copper

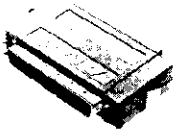
Latching Springs — Stainless Steel

Resistors — Thick film resistor composition on alumina substrate









50-Position Low Profile with Plastic Cover and Inner Shield with Spring Latches

Single-Ended, Active
Part No. 869546-1

BLUE part numbers indicate 2D geometry and 3D CAD models that are included on CD-ROM.

For Complete Product Information, Order Catalog 82846

Products listed in this catalog are readily available through Authorized AMP Distributors or call the AMP Product Information Center 1-800-522-6752
Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.
Specifications subject to change. Consult AMP Incorporated for latest specifications. AMP Web Site: www.amp.com
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Terminator Products

Terminators

AMP **869546-1** Active Active

(Tyco Electronics P/N: 869546-1)

CAD Geometry | Search for Parts | Previous 1 [2] 3 4 5 6 Next

Document links for this part cannot be displayed. Your browser does not support inline frames or is currently configured not to display inline frames. Inline frames are supported in both Internet Explorer 5 and Netscape 6, as well as all later versions of these browsers.

Related Part Information

General Information	eCommerce	Related Part Information
General Info Sales Info Assembly Subcontractors	Pricing Product Availability	

Photos & Line Drawings - The photographs and/or line drawings are representative images of a product for viewing purposes only.

Product Photo | Schematic

Searchable Features:

Brand:	AMP
Gender:	Plug
No. of Positions:	50
Internal/External:	External
Application:	SCSI-2
Terminator Type:	AMPLIMITE .050 Series
Profile:	Low
Shell Type:	Front Metal Shell
Shielded:	Yes
Termination Type:	Single-Ended, Active

Other Properties:

Internal Shield:	With
SCSI Cable Type:	A Cable
Contact Material:	Phosphor Bronze
Contact Mating Area Plating:	Gold (30) over Nickel (50)
Cover Material:	ABS
Cover Flammability Rating:	UL 94V-0
Housing Material Flammability Rating:	UL 94V-0
Latching Spring Material:	Stainless Steel
Shell Material:	Steel

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Mating Connector Lock:	With
Mating Connector Lock Type:	Spring Latch
Density:	High
Body Shape:	Narrow
LED:	Without
Housing Material:	Thermoplastic

Shield Material:	Copper
Shell Plating:	Tin-Nickel
Circuitry:	Thick film resistors and/or discreet components on aluminum substrate or plastic laminate

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